

FIG. 1

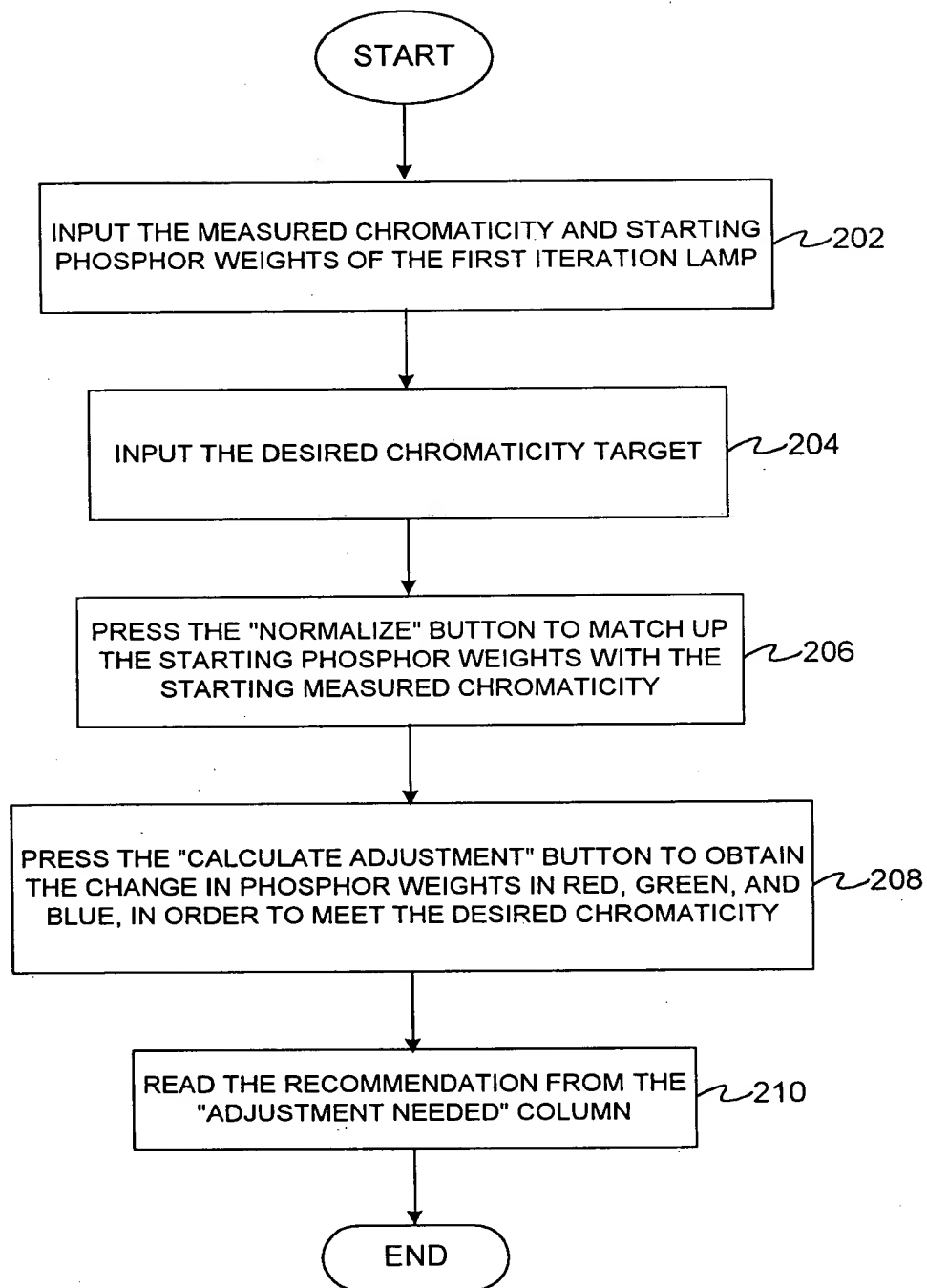


FIG. 2

A	B	C	D	E	F	G	H
1			Copyright 2000 Honeywell International Inc.				
2	Phosphor	Formulation	Previous	Adjustment	Formulation	Enter	Preliminary
3	Color	Grams	Grams	Needed	Percent	Starting	Calculation
4				Grams		Formulation	
5	Red	4207.71 g	4207.71 g	0.00 g	46.24%	4000.00 g	4207.71 g
6	Green	2613.50 g	2613.50 g	0.00 g	28.72%	2600.00 g	2613.50 g
7	Blue	2278.79 g	2278.79 g	0.00 g	25.04%	2500.00 g	2278.79 g
8	Total	9100.00 g			100.00%	9100.00 g	9100.00 g
9							
10			u'	v'	L (fL)		
11	Calc Lamp ----->		0.227	0.458	4458		
12	Lamp Measurement		0.227	0.458			
13	Desired Chromaticity		0.228	0.455			

FIG. 3

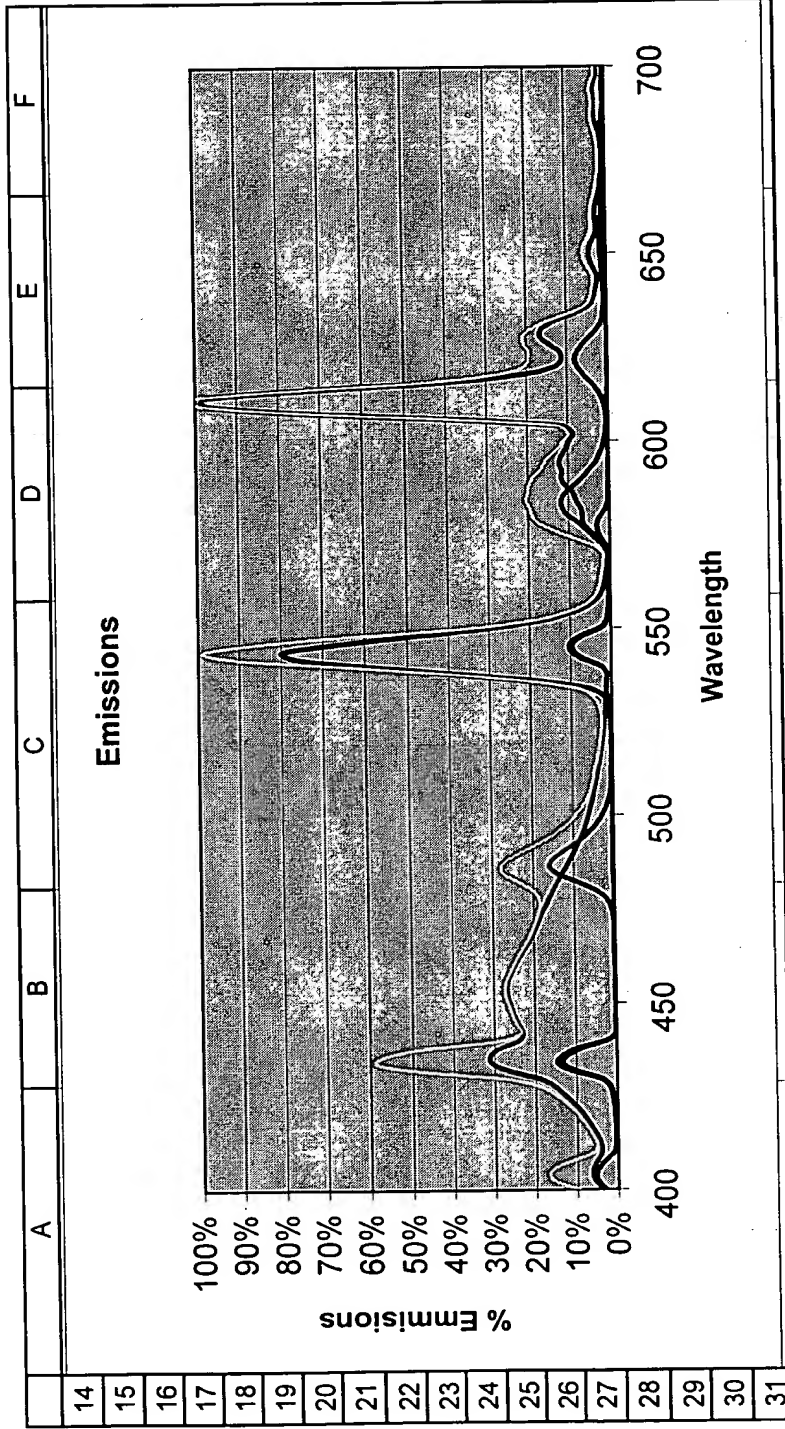


FIG. 4

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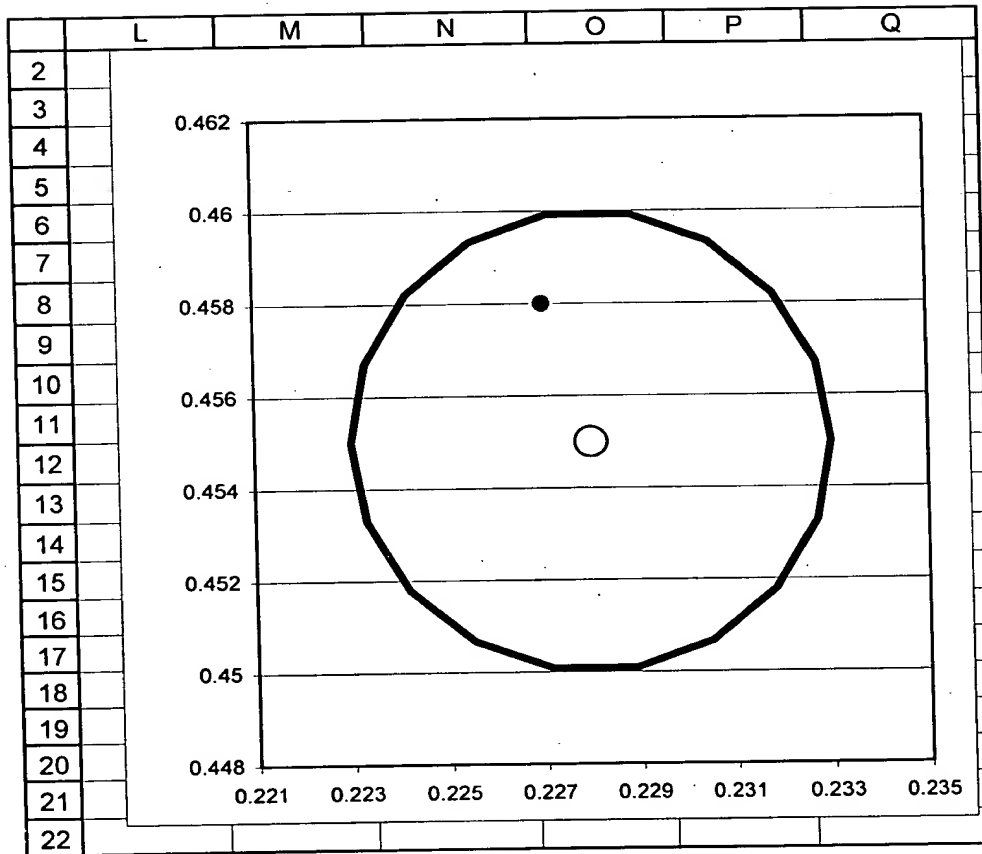


FIG. 5

	A	B	C	D	E	F	G
36	<u>Lamp Color Calculation</u>			<u>Red Green Blue Phosphor</u>			
37							
38					7.1W	7.25W	7.0W
39	Red	Green	Blue	Wavelength	Red	Green	Blue
40	0.0013	0.0000	0.0063	400	6.27E-02	1.01E-01	1.36E-01
41	0.0025	0.0001	0.0119	402	1.03E-01	1.61E-01	2.12E-01
42	0.0034	0.0001	0.0163	404	1.14E-01	1.81E-01	2.42E-01
43	0.0039	0.0001	0.0186	406	9.82E-02	1.55E-01	2.36E-01
44	0.0035	0.0001	0.0169	408	6.14E-02	9.43E-02	1.97E-01
45	0.0026	0.0001	0.0124	410	2.24E-02	3.54E-02	1.58E-01
46	0.0028	0.0001	0.0131	412	9.45E-03	1.93E-02	1.61E-01
47	0.0039	0.0001	0.0185	414	9.37E-03	1.57E-02	1.88E-01
48	0.0058	0.0002	0.0275	416	1.01E-02	1.63E-02	2.27E-01
49	0.0085	0.0002	0.0406	418	1.24E-02	1.64E-02	2.70E-01
50	0.0125	0.0004	0.0600	420	1.51E-02	1.94E-02	3.21E-01
51	0.0180	0.0006	0.0868	422	1.71E-02	2.21E-02	3.78E-01
52	0.0259	0.0009	0.1252	424	2.16E-02	2.94E-02	4.47E-01
53	0.0358	0.0013	0.1733	426	2.80E-02	3.87E-02	5.24E-01
54	0.0493	0.0019	0.2399	428	4.31E-02	5.99E-02	6.13E-01
55	0.0767	0.0031	0.3745	430	9.49E-02	1.33E-01	7.52E-01
56	0.1411	0.0063	0.6919	432	2.35E-01	3.38E-01	1.03E+00
57	0.1842	0.0090	0.9076	434	3.09E-01	4.50E-01	1.20E+00
58	0.1855	0.0100	0.9191	436	2.86E-01	4.14E-01	1.21E+00
59	0.1590	0.0095	0.7922	438	2.04E-01	2.95E-01	1.14E+00
60	0.0997	0.0066	0.5003	440	5.66E-02	8.29E-02	9.44E-01
61	0.0808	0.0059	0.4086	442	6.38E-03	8.46E-03	9.01E-01

FIG. 6

	A	B	C	D	E	F	G
62	0.0831	0.0067	0.4236	444	4.79E-03	5.19E-03	9.35E-01
63	0.0857	0.0077	0.4410	446	4.82E-03	5.27E-03	9.73E-01
64	0.0868	0.0088	0.4517	448	3.53E-03	5.50E-03	1.00E+00
65	0.0874	0.0099	0.4607	450	3.95E-03	5.92E-03	1.02E+00
66	0.0877	0.0111	0.4690	452	4.40E-03	5.76E-03	1.05E+00
67	0.0860	0.0122	0.4668	454	4.43E-03	4.86E-03	1.05E+00
68	0.0830	0.0133	0.4579	456	4.45E-03	4.07E-03	1.04E+00
69	0.0776	0.0141	0.4365	458	4.06E-03	5.38E-03	1.01E+00
70	0.0719	0.0148	0.4130	460	4.93E-03	5.24E-03	9.73E-01
71	0.0656	0.0155	0.3846	462	5.73E-03	6.80E-03	9.28E-01
72	0.0590	0.0161	0.3546	464	7.87E-03	5.12E-03	8.85E-01
73	0.0519	0.0166	0.3201	466	7.23E-03	5.86E-03	8.40E-01
74	0.0448	0.0172	0.2851	468	6.67E-03	6.80E-03	7.99E-01
75	0.0386	0.0180	0.2543	470	6.46E-03	9.84E-03	7.65E-01
76	0.0330	0.0189	0.2264	472	5.54E-03	1.48E-02	7.34E-01
77	0.0281	0.0199	0.2013	474	4.94E-03	2.24E-02	7.03E-01
78	0.0238	0.0212	0.1791	476	5.07E-03	4.18E-02	6.62E-01
79	0.0207	0.0234	0.1651	478	3.74E-03	8.21E-02	6.30E-01
80	0.0190	0.0276	0.1615	480	3.71E-03	1.69E-01	5.93E-01
81	0.0182	0.0345	0.1672	482	4.70E-03	3.08E-01	5.54E-01
82	0.0170	0.0427	0.1712	484	5.91E-03	4.60E-01	5.10E-01
83	0.0142	0.0484	0.1598	486	6.24E-03	5.41E-01	4.65E-01
84	0.0107	0.0499	0.1356	488	6.98E-03	5.26E-01	4.25E-01
85	0.0073	0.0474	0.1060	490	6.63E-03	4.45E-01	3.88E-01
86	0.0046	0.0435	0.0844	492	5.99E-03	3.50E-01	3.54E-01
87	0.0028	0.0391	0.0589	494	5.08E-03	2.64E-01	3.19E-01
88	0.0016	0.0353	0.0437	496	6.47E-03	1.93E-01	2.88E-01

FIG. 7

	A	B	C	D	E	F	G
89	0.0009	0.0321	0.0327	498	5.41E-03	1.39E-01	2.64E-01
90	0.0004	0.0294	0.0248	500	4.89E-03	9.73E-02	2.43E-01
91	0.0002	0.0270	0.0187	502	3.19E-03	6.52E-02	2.23E-01
92	0.0001	0.0254	0.0146	504	3.86E-03	4.32E-02	2.03E-01
93	0.0002	0.0240	0.0113	506	3.13E-03	2.71E-02	1.88E-01
94	0.0003	0.0236	0.0091	508	4.33E-03	1.89E-02	1.74E-01
95	0.0004	0.0235	0.0074	510	5.23E-03	1.38E-02	1.61E-01
96	0.0007	0.0240	0.0061	512	5.65E-03	1.45E-02	1.49E-01
97	0.0009	0.0230	0.0047	514	5.56E-03	1.06E-02	1.34E-01
98	0.0014	0.0224	0.0037	516	4.24E-03	1.03E-02	1.23E-01
99	0.0015	0.0214	0.0029	518	3.25E-03	9.09E-03	1.11E-01
100	0.0019	0.0208	0.0023	520	2.77E-03	9.79E-03	1.01E-01
101	0.0022	0.0202	0.0019	522	3.73E-03	9.44E-03	9.02E-02
102	0.0026	0.0200	0.0016	524	3.92E-03	1.24E-02	8.14E-02
103	0.0030	0.0204	0.0014	526	4.87E-03	1.62E-02	7.34E-02
104	0.0039	0.0232	0.0013	528	1.02E-02	2.20E-02	6.66E-02
105	0.0056	0.0289	0.0014	530	1.83E-02	3.45E-02	6.08E-02
106	0.0088	0.0410	0.0017	532	2.44E-02	7.32E-02	5.59E-02
107	0.0174	0.0739	0.0026	534	2.95E-02	1.92E-01	5.17E-02
108	0.0476	0.1846	0.0055	536	2.79E-02	6.09E-01	4.85E-02
109	0.1049	0.3734	0.0094	538	2.58E-02	1.30E+00	5.11E-02
110	0.1827	0.6001	0.0128	540	6.31E-02	1.99E+00	1.13E-01
111	0.2803	0.8525	0.0152	542	1.58E-01	2.58E+00	2.71E-01
112	0.3351	0.9467	0.0141	544	2.12E-01	2.72E+00	3.63E-01
113	0.3170	0.8339	0.0104	546	2.14E-01	2.29E+00	3.68E-01
114	0.2550	0.6260	0.0066	548	1.60E-01	1.71E+00	2.72E-01

FIG. 8

	A	B	C	D	E	F	G
115	0.1543	0.3542	0.0031	550	6.08E-02	1.06E+00	9.93E-02
116	0.0901	0.1936	0.0014	552	2.64E-02	5.99E-01	3.91E-02
117	0.0556	0.1120	0.0007	554	1.84E-02	3.35E-01	2.96E-02
118	0.0343	0.0649	0.0003	556	1.17E-02	1.86E-01	2.43E-02
119	0.0226	0.0403	0.0002	558	9.45E-03	1.06E-01	2.16E-02
120	0.0186	0.0311	0.0001	560	1.13E-02	7.38E-02	1.92E-02
121	0.0161	0.0253	0.0001	562	1.28E-02	5.29E-02	1.78E-02
122	0.0151	0.0224	0.0001	564	1.53E-02	4.03E-02	1.67E-02
123	0.0138	0.0193	0.0001	566	1.49E-02	3.17E-02	1.54E-02
124	0.0126	0.0167	0.0000	568	1.30E-02	2.60E-02	1.52E-02
125	0.0142	0.0177	0.0000	570	1.40E-02	2.69E-02	1.78E-02
126	0.0334	0.0395	0.0001	572	2.99E-02	6.13E-02	4.25E-02
127	0.0726	0.0810	0.0002	574	6.42E-02	1.26E-01	8.73E-02
128	0.1153	0.1219	0.0002	576	1.08E-01	1.92E-01	1.18E-01
129	0.1522	0.1524	0.0003	578	1.40E-01	2.67E-01	1.20E-01
130	0.1704	0.1618	0.0003	580	1.42E-01	3.43E-01	8.80E-02
131	0.1813	0.1634	0.0003	582	1.50E-01	3.93E-01	4.13E-02
132	0.1939	0.1659	0.0003	584	1.73E-01	4.03E-01	1.91E-02
133	0.1950	0.1586	0.0003	586	1.88E-01	3.71E-01	1.39E-02
134	0.1965	0.1521	0.0002	588	2.28E-01	3.01E-01	1.17E-02
135	0.1896	0.1398	0.0002	590	2.50E-01	2.32E-01	1.05E-02
136	0.1729	0.1217	0.0002	592	2.46E-01	1.75E-01	9.05E-03
137	0.1642	0.1104	0.0002	594	2.59E-01	1.20E-01	8.60E-03
138	0.1497	0.0964	0.0001	596	2.48E-01	8.60E-02	7.66E-03
139	0.1290	0.0797	0.0001	598	2.21E-01	6.06E-02	7.18E-03
140	0.1162	0.0691	0.0001	600	2.06E-01	4.35E-02	6.58E-03
141	0.1023	0.0585	0.0001	602	1.88E-01	2.93E-02	6.31E-03

FIG. 9

	A	B	C	D	E	F	G
142	0.1283	0.0707	0.0001	604	2.46E-01	2.33E-02	6.57E-03
143	0.4072	0.2170	0.0002	606	8.29E-01	2.25E-02	8.43E-03
144	0.7810	0.4035	0.0003	608	1.63E+00	2.77E-02	1.00E-02
145	0.9768	0.4900	0.0003	610	2.08E+00	3.95E-02	1.20E-02
146	0.9589	0.4680	0.0003	612	2.07E+00	6.47E-02	1.16E-02
147	0.6911	0.3289	0.0002	614	1.50E+00	1.03E-01	9.20E-03
148	0.3923	0.1823	0.0001	616	8.20E-01	1.53E-01	7.43E-03
149	0.2311	0.1051	0.0001	618	4.27E-01	2.11E-01	6.19E-03
150	0.1711	0.0763	0.0000	620	2.71E-01	2.56E-01	5.48E-03
151	0.1556	0.0681	0.0000	622	2.39E-01	2.76E-01	5.60E-03
152	0.1475	0.0635	0.0000	624	2.53E-01	2.53E-01	5.05E-03
153	0.1477	0.0626	0.0000	626	3.09E-01	2.03E-01	4.70E-03
154	0.1398	0.0585	0.0000	628	3.52E-01	1.40E-01	4.20E-03
155	0.1169	0.0482	0.0000	630	3.39E-01	8.49E-02	4.08E-03
156	0.0858	0.0349	0.0000	632	2.76E-01	4.92E-02	4.03E-03
157	0.0496	0.0200	0.0000	634	1.67E-01	3.68E-02	3.33E-03
158	0.0278	0.0111	0.0000	636	9.57E-02	2.87E-02	2.82E-03
159	0.0197	0.0078	0.0000	638	7.03E-02	2.54E-02	3.05E-03
160	0.0164	0.0064	0.0000	640	5.98E-02	2.86E-02	3.13E-03
161	0.0137	0.0053	0.0000	642	5.16E-02	3.01E-02	2.79E-03
162	0.0126	0.0048	0.0000	644	4.94E-02	3.44E-02	2.43E-03
163	0.0150	0.0057	0.0000	646	6.67E-02	4.19E-02	3.17E-03
164	0.0165	0.0063	0.0000	648	8.41E-02	4.54E-02	3.31E-03
165	0.0163	0.0061	0.0000	650	9.10E-02	5.06E-02	3.01E-03
166	0.0140	0.0052	0.0000	652	8.47E-02	5.11E-02	2.50E-03
167	0.0104	0.0039	0.0000	654	6.50E-02	5.03E-02	2.59E-03
168	0.0080	0.0030	0.0000	656	5.08E-02	5.03E-02	1.92E-03

FIG. 10

TABLE 33.66

	A	B	C	D	E	F	G
169	0.0070	0.0026	0.0000	658	5.19E-02	4.68E-02	2.13E-03
170	0.0063	0.0023	0.0000	660	5.69E-02	4.00E-02	1.86E-03
171	0.0055	0.0020	0.0000	662	5.61E-02	3.80E-02	1.81E-03
172	0.0043	0.0016	0.0000	664	4.77E-02	3.79E-02	1.93E-03
173	0.0031	0.0012	0.0000	666	3.47E-02	3.86E-02	2.12E-03
174	0.0024	0.0009	0.0000	668	2.52E-02	4.14E-02	1.62E-03
175	0.0019	0.0007	0.0000	670	2.04E-02	4.07E-02	1.39E-03
176	0.0015	0.0005	0.0000	672	1.80E-02	3.64E-02	1.05E-03
177	0.0012	0.0004	0.0000	674	1.55E-02	3.52E-02	2.16E-03
178	0.0011	0.0004	0.0000	676	1.41E-02	3.76E-02	1.43E-03
179	0.0010	0.0004	0.0000	678	1.27E-02	4.31E-02	1.44E-03
180	0.0009	0.0003	0.0000	680	1.61E-02	4.27E-02	1.10E-03
181	0.0010	0.0004	0.0000	682	2.55E-02	4.08E-02	9.77E-04
182	0.0011	0.0004	0.0000	684	4.16E-02	3.61E-02	1.20E-03
183	0.0010	0.0004	0.0000	686	5.38E-02	2.82E-02	2.15E-03
184	0.0009	0.0003	0.0000	688	5.65E-02	2.27E-02	3.51E-03
185	0.0007	0.0003	0.0000	690	5.78E-02	1.49E-02	3.40E-03
186	0.0007	0.0002	0.0000	692	5.94E-02	1.73E-02	5.46E-03
187	0.0006	0.0002	0.0000	694	6.20E-02	1.99E-02	7.41E-03
188	0.0005	0.0002	0.0000	696	5.33E-02	1.78E-02	7.64E-03
189	0.0003	0.0001	0.0000	698	4.28E-02	1.53E-02	7.18E-03
190	0.0003	0.0001	0.0000	700	4.74E-02	1.11E-02	5.15E-03

FIG. 11

FIG. 12

	A	B	C
192	24.9363	22.3609	26.3521
193			
194	Red		
195	X	24.9363	
196	Y	22.3609	
197	Z	26.3521	
198			
199	x	0.3386	
200	y	0.3036	
201			
202	u'	0.2270	
203	v'	0.4580	
204			
205	L	4458.05	

FIG. 12

TABLE 33

	H	I	J	K	L	M	N	O	P
36	Spectral Emissions of Mixture				Spectral Emissions for Graph				
37					Normalized				
38									
39	Red	Green	Blue	White	Wavelength				
40	0.0289685	0.02912185	0.034157	0.0922	400	0.0296	0.02974	0.0349	0.0942
41	0.047487	0.046296274	0.053038	0.1468	402	0.0485	0.04728	0.0542	0.15
42	0.0528044	0.051839191	0.060551	0.1652	404	0.0539	0.05295	0.0618	0.1687
43	0.0454063	0.044515649	0.059148	0.1491	406	0.0464	0.04547	0.0604	0.1523
44	0.0283766	0.027068386	0.049257	0.1047	408	0.029	0.02765	0.0503	0.1069
45	0.0103482	0.0101668	0.039466	0.0600	410	0.0106	0.01038	0.0403	0.0613
46	0.0043672	0.005540044	0.040242	0.0501	412	0.0045	0.00566	0.0411	0.0512
47	0.004333	0.004497516	0.047003	0.0558	414	0.0044	0.00459	0.048	0.057
48	0.004684	0.004672707	0.05682	0.0662	416	0.0048	0.00477	0.058	0.0676
49	0.0057521	0.004712915	0.067713	0.0782	418	0.0059	0.00481	0.0692	0.0798
50	0.0069635	0.005557276	0.080459	0.0930	420	0.0071	0.00568	0.0822	0.095
51	0.0079207	0.006352814	0.094683	0.1090	422	0.0081	0.00649	0.0967	0.1113
52	0.0099783	0.008446485	0.112036	0.1305	424	0.0102	0.00863	0.1144	0.1332
53	0.0129329	0.011103064	0.131319	0.1554	426	0.0132	0.01134	0.1341	0.1587
54	0.0199381	0.017206016	0.153531	0.1907	428	0.0204	0.01757	0.1568	0.1947
55	0.043885	0.038111139	0.188313	0.2703	430	0.0448	0.03893	0.1923	0.2761
56	0.1085219	0.096929235	0.257428	0.4629	432	0.1108	0.099	0.2629	0.4728
57	0.1430621	0.129124101	0.3005	0.5727	434	0.1461	0.13188	0.3069	0.5849
58	0.132196	0.118899861	0.303756	0.5549	436	0.135	0.12144	0.3102	0.5667
59	0.0945116	0.084579732	0.284223	0.4633	438	0.0965	0.08639	0.2903	0.4732
60	0.0261618	0.023817308	0.236368	0.2863	440	0.0267	0.02433	0.2414	0.2925
61	0.0029486	0.002428257	0.2255	0.2309	442	0.003	0.00248	0.2303	0.2358

FIG. 13

陳其南

	H	I	J	K	L	M	N	O	P
62	0.0022167	0.001490269	0.234215	0.2379	444	0.0023	0.00152	0.2392	0.243
63	0.0022278	0.001514106	0.243605	0.2473	446	0.0023	0.00155	0.2488	0.2526
64	0.0016318	0.001580162	0.250667	0.2539	448	0.0017	0.00161	0.256	0.2593
65	0.0018283	0.001701072	0.256427	0.2600	450	0.0019	0.00174	0.2619	0.2655
66	0.0020354	0.001653397	0.262186	0.2659	452	0.0021	0.00169	0.2678	0.2716
67	0.0020498	0.001396355	0.262938	0.2664	454	0.0021	0.00143	0.2686	0.2721
68	0.0020585	0.001169469	0.260934	0.2642	456	0.0021	0.00119	0.2665	0.2698
69	0.0018787	0.001543975	0.25242	0.2558	458	0.0019	0.00158	0.2578	0.2613
70	0.0022786	0.001504916	0.24363	0.2474	460	0.0023	0.00154	0.2488	0.2527
71	0.0026495	0.001951509	0.232312	0.2369	462	0.0027	0.00199	0.2373	0.242
72	0.003639	0.001470452	0.221544	0.2267	464	0.0037	0.0015	0.2263	0.2315
73	0.0033444	0.001684128	0.21035	0.2154	466	0.0034	0.00172	0.2148	0.22
74	0.0030846	0.001954093	0.200108	0.2051	468	0.0032	0.002	0.2044	0.2095
75	0.0029889	0.002826887	0.191669	0.1975	470	0.0031	0.00289	0.1958	0.2017
76	0.0025616	0.004244782	0.183806	0.1906	472	0.0026	0.00434	0.1877	0.1947
77	0.0022846	0.006430357	0.175943	0.1847	474	0.0023	0.00657	0.1797	0.1886
78	0.0023452	0.012004865	0.165801	0.1802	476	0.0024	0.01226	0.1693	0.184
79	0.0017279	0.02357319	0.157863	0.1832	478	0.0018	0.02408	0.1612	0.1871
80	0.0017164	0.048478977	0.148472	0.1987	480	0.0018	0.04951	0.1516	0.2029
81	0.0021718	0.088342023	0.138706	0.2292	482	0.0022	0.09023	0.1417	0.2341
82	0.0027313	0.131996078	0.127813	0.2625	484	0.0028	0.13482	0.1305	0.2681
83	0.0028867	0.155287814	0.116319	0.2745	486	0.0029	0.1586	0.1188	0.2804
84	0.0032261	0.151152167	0.106302	0.2607	488	0.0033	0.15438	0.1086	0.2662
85	0.003067	0.127659392	0.097112	0.2278	490	0.0031	0.13039	0.0992	0.2327
86	0.0027692	0.100490487	0.088622	0.1919	492	0.0028	0.10264	0.0905	0.196
87	0.0023498	0.075705322	0.079883	0.1579	494	0.0024	0.07732	0.0816	0.1613
88	0.0029907	0.055544041	0.07207	0.1306	496	0.0031	0.05673	0.0736	0.1334

FIG. 14

TABLE 33-33

	H	I	J	K	L	M	N	O	P
89	0.0025006	0.040035364	0.06611	0.1086	498	0.0026	0.04089	0.0675	0.111
90	0.0022592	0.027932851	0.060826	0.0910	500	0.0023	0.02853	0.0621	0.093
91	0.001475	0.018719548	0.055818	0.0760	502	0.0015	0.01912	0.057	0.0776
92	0.0017834	0.012406942	0.050935	0.0651	504	0.0018	0.01267	0.052	0.0665
93	0.0014473	0.007783059	0.047078	0.0563	506	0.0015	0.00795	0.0481	0.0575
94	0.0020031	0.005433781	0.043598	0.0510	508	0.002	0.00555	0.0445	0.0521
95	0.0024174	0.003971945	0.040292	0.0467	510	0.0025	0.00406	0.0412	0.0477
96	0.0026106	0.004158623	0.037237	0.0440	512	0.0027	0.00425	0.038	0.0449
97	0.0025704	0.003029936	0.033606	0.0392	514	0.0026	0.00309	0.0343	0.04
98	0.0019587	0.002966753	0.030701	0.0356	516	0.002	0.00303	0.0314	0.0364
99	0.0015046	0.002611489	0.027771	0.0319	518	0.0015	0.00267	0.0284	0.0326
100	0.0012827	0.002810517	0.025167	0.0293	520	0.0013	0.00287	0.0257	0.0299
101	0.0017252	0.002709998	0.022595	0.0270	522	0.0018	0.00277	0.0231	0.0276
102	0.0018107	0.003564124	0.020371	0.0257	524	0.0018	0.00364	0.0208	0.0263
103	0.0022537	0.004658347	0.018381	0.0253	526	0.0023	0.00476	0.0188	0.0258
104	0.0047302	0.006326966	0.01668	0.0277	528	0.0048	0.00646	0.017	0.0283
105	0.0084432	0.009899706	0.01522	0.0336	530	0.0086	0.01011	0.0155	0.0343
106	0.0112776	0.021022874	0.013986	0.0463	532	0.0115	0.02147	0.0143	0.0473
107	0.013645	0.055055805	0.012957	0.0817	534	0.0139	0.05623	0.0132	0.0834
108	0.0129052	0.17475982	0.012148	0.1998	536	0.0132	0.17849	0.0124	0.2041
109	0.0119434	0.372495459	0.012801	0.3972	538	0.0122	0.38045	0.0131	0.4057
110	0.0291904	0.571523488	0.028297	0.6290	540	0.0298	0.58373	0.0289	0.6424
111	0.0729644	0.741831743	0.067738	0.8825	542	0.0745	0.75767	0.0692	0.9014
112	0.0979795	0.781177833	0.090826	0.9700	544	0.1001	0.79786	0.0928	0.9907
113	0.0990892	0.656246819	0.092053	0.8474	546	0.1012	0.67026	0.094	0.8655
114	0.0739354	0.49024653	0.067988	0.6322	548	0.0755	0.50072	0.0694	0.6457

/ FIG. 15

	H	I	J	K	L	M	N	O	P
115	0.0281177	0.302993608	0.024859	0.3560	550	0.0287	0.30946	0.0254	0.3636
116	0.0121931	0.171945283	0.009796	0.1939	552	0.0125	0.17562	0.01	0.1981
117	0.0084848	0.096153801	0.00742	0.1121	554	0.0087	0.09821	0.0076	0.1145
118	0.0054192	0.053418778	0.00609	0.0649	556	0.0055	0.05456	0.0062	0.0663
119	0.0043705	0.030557839	0.005404	0.0403	558	0.0045	0.03121	0.0055	0.0412
120	0.0052296	0.021186577	0.004813	0.0312	560	0.0053	0.02164	0.0049	0.0319
121	0.0059232	0.015195632	0.004465	0.0256	562	0.006	0.01552	0.0046	0.0261
122	0.0070791	0.011565453	0.004169	0.0228	564	0.0072	0.01181	0.0043	0.0233
123	0.006871	0.009104168	0.003851	0.0198	566	0.007	0.0093	0.0039	0.0203
124	0.0060156	0.007467141	0.003799	0.0173	568	0.0061	0.00763	0.0039	0.0177
125	0.0064641	0.007719875	0.004447	0.0186	570	0.0066	0.00788	0.0045	0.019
126	0.0138068	0.017590861	0.010653	0.0421	572	0.0141	0.01797	0.0109	0.0429
127	0.0297036	0.036186914	0.021866	0.0878	574	0.0303	0.03696	0.0223	0.0896
128	0.0497527	0.055228124	0.029449	0.1344	576	0.0508	0.05641	0.0301	0.1373
129	0.0648265	0.076595635	0.03	0.1714	578	0.0662	0.07823	0.0306	0.1751
130	0.0655663	0.098393943	0.022034	0.1860	580	0.067	0.1005	0.0225	0.19
131	0.0692191	0.11278255	0.010337	0.1923	582	0.0707	0.11519	0.0106	0.1964
132	0.0799927	0.115740686	0.004778	0.2005	584	0.0817	0.11821	0.0049	0.2048
133	0.087021	0.106579079	0.003481	0.1971	586	0.0889	0.10886	0.0036	0.2013
134	0.1052852	0.086532677	0.002922	0.1947	588	0.1075	0.08838	0.003	0.1989
135	0.1153652	0.066744753	0.002632	0.1847	590	0.1178	0.06817	0.0027	0.1887
136	0.1136081	0.050259603	0.002265	0.1661	592	0.1116	0.05133	0.0023	0.1697
137	0.1195267	0.034320129	0.002153	0.1560	594	0.1221	0.03505	0.0022	0.1593
138	0.1146254	0.024704749	0.001917	0.1412	596	0.1171	0.02523	0.002	0.1443
139	0.1021872	0.017389823	0.001798	0.1214	598	0.1044	0.01776	0.0018	0.124
140	0.0952977	0.012490229	0.001646	0.1094	600	0.0973	0.01276	0.0017	0.1118
141	0.0866973	0.00840915	0.00158	0.0967	602	0.0885	0.00859	0.0016	0.0988

FIG. 16

TABLE 3.3.3.3

	H	I	J	K	L	M	N	O	P
142	0.1137006	0.006697451	0.001645	0.1220	604	0.1161	0.00684	0.0017	0.1246
143	0.3832251	0.006467693	0.002111	0.3918	606	0.3914	0.00661	0.0022	0.4002
144	0.753226	0.007966865	0.002507	0.7637	608	0.7693	0.00814	0.0026	0.78
145	0.9599124	0.011329951	0.003008	0.9742	610	0.9804	0.01157	0.0031	0.9951
146	0.9576004	0.018587437	0.002902	0.9791	612	0.9781	0.01898	0.003	1
147	0.6935783	0.029437768	0.002305	0.7253	614	0.7084	0.03007	0.0024	0.7408
148	0.3790174	0.044056132	0.001859	0.4249	616	0.3871	0.045	0.0019	0.434
149	0.1975311	0.060483842	0.001551	0.2596	618	0.2017	0.06178	0.0016	0.2651
150	0.1252602	0.073580059	0.001371	0.2002	620	0.1279	0.07515	0.0014	0.2045
151	0.1103252	0.079237854	0.001401	0.1910	622	0.1127	0.08093	0.0014	0.195
152	0.1169835	0.072632307	0.001265	0.1909	624	0.1195	0.07418	0.0013	0.195
153	0.1430621	0.05827242	0.001178	0.2025	626	0.1461	0.05952	0.0012	0.2068
154	0.1628059	0.040092803	0.001051	0.2040	628	0.1663	0.04095	0.0011	0.2083
155	0.1565637	0.024391703	0.001021	0.1820	630	0.1599	0.02491	0.001	0.1859
156	0.1275722	0.014130128	0.00101	0.1427	632	0.1303	0.01443	0.001	0.1458
157	0.0770334	0.010568877	0.000833	0.0884	634	0.0787	0.01079	0.0009	0.0903
158	0.0442503	0.008251191	0.000707	0.0532	636	0.0452	0.00843	0.0007	0.0543
159	0.032515	0.007294822	0.000763	0.0406	638	0.0332	0.00745	0.0008	0.0414
160	0.0276599	0.008205239	0.000785	0.0366	640	0.0283	0.00838	0.0008	0.0374
161	0.0238406	0.008636036	0.000698	0.0332	642	0.0243	0.00882	0.0007	0.0339
162	0.0228372	0.009870986	0.000609	0.0333	644	0.0233	0.01008	0.0006	0.034
163	0.030818	0.012039329	0.000793	0.0437	646	0.0315	0.0123	0.0008	0.0446
164	0.0388912	0.013047393	0.000828	0.0528	648	0.0397	0.01333	0.0008	0.0539
165	0.0420632	0.014543693	0.000755	0.0574	650	0.043	0.01485	0.0008	0.0586
166	0.0391825	0.014664316	0.000626	0.0545	652	0.04	0.01498	0.0006	0.0556
167	0.0300689	0.014434558	0.000649	0.0452	654	0.0307	0.01474	0.0007	0.0461
168	0.0234753	0.014434558	0.000481	0.0384	656	0.024	0.01474	0.0005	0.0392

FIG. 17

	H	I	J	K	L	M	N	O	P
169	0.0240071	0.01343511	0.000533	0.0380	658	0.0245	0.01372	0.0005	0.0388
170	0.0263144	0.011479293	0.000465	0.0383	660	0.0269	0.01172	0.0005	0.0391
171	0.0259398	0.010919258	0.000454	0.0373	662	0.0265	0.01115	0.0005	0.0381
172	0.0220373	0.010870434	0.000482	0.0334	664	0.0225	0.0111	0.0005	0.0341
173	0.0160494	0.011071473	0.000531	0.0277	666	0.0164	0.01131	0.0005	0.0282
174	0.0116614	0.011884242	0.000404	0.0240	668	0.0119	0.01214	0.0004	0.0245
175	0.0094095	0.011700436	0.000347	0.0215	670	0.0096	0.01195	0.0004	0.0219
176	0.0083137	0.010448254	0.000264	0.0190	672	0.0085	0.01067	0.0003	0.0194
177	0.007167	0.010106488	0.00054	0.0178	674	0.0073	0.01032	0.0006	0.0182
178	0.0065381	0.010798635	0.000358	0.0177	676	0.0067	0.01103	0.0004	0.0181
179	0.0058584	0.01238971	0.00036	0.0186	678	0.006	0.01265	0.0004	0.019
180	0.0074444	0.012251855	0.000276	0.0200	680	0.0076	0.01251	0.0003	0.0204
181	0.0118093	0.01170618	0.000245	0.0238	682	0.0121	0.01196	0.0002	0.0243
182	0.0192491	0.010367838	0.000301	0.0299	684	0.0197	0.01059	0.0003	0.0306
183	0.0248948	0.00809036	0.000538	0.0335	686	0.0254	0.00826	0.0005	0.0342
184	0.0261202	0.006513645	0.000879	0.0335	688	0.0267	0.00665	0.0009	0.0342
185	0.026712	0.004276374	0.000852	0.0318	690	0.0273	0.00437	0.0009	0.0325
186	0.0274472	0.004968521	0.001368	0.0338	692	0.028	0.00507	0.0014	0.0345
187	0.0286448	0.005720979	0.001855	0.0362	694	0.0293	0.00584	0.0019	0.037
188	0.0246313	0.005106376	0.001914	0.0317	696	0.0252	0.00522	0.002	0.0323
189	0.0197947	0.004394125	0.001797	0.0260	698	0.0202	0.00449	0.0018	0.0265
190	0.0219032	0.003190767	0.00129	0.0264	700	0.0224	0.00326	0.0013	0.0269

FIG. 18

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A	B	C	D	E	F	G	H
1			Copyright 2000 Honeywell International Inc.				
2	Phosphor		Adjustment	Formulation	Enter	Preliminary	
3	Color	Formulation	Needed	Percent	Starting	Calculation	
4		Grams	Grams		Formulation		
5	<u>Red</u>	4207.71 g	=B5-C5	=B5/\$B\$8	4000.00 g	=B5	=(G5/\$G\$8)*\$F\$8
6	<u>Green</u>	2613.50 g	=B6-C6	=B6/\$B\$8	2600.00 g	=B6	=(G6/\$G\$8)*\$F\$8
7	<u>Blue</u>	2278.79 g	=B7-C7	=B7/\$B\$8	2500.00 g	=B7	=(G7/\$G\$8)*\$F\$8
8	Total	9100.00 g		=SUM(E5:E7)	=SUM(F5:F7)	=B8	=SUM(H5:H7)
9							
10		u'	v'	L (fL)			
11	Calc Lamp ----->	=B202	=B203	=B205			
12	Lamp Measurement	0.227	0.458				
13	Desired Chromaticity	0.228	0.455				

FIG. 19

TABLE 33

	R	S	T	U
4				
5			u'=	0.228
6			v'=	0.455
7			Radius=	0.005
8				
9		θ	x1	y1
10		0	= $\$U\$7*\text{COS}(S10*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S10*PI()/180)+\$U\$6$
11		20	= $\$U\$7*\text{COS}(S11*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S11*PI()/180)+\$U\$6$
12		40	= $\$U\$7*\text{COS}(S12*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S12*PI()/180)+\$U\$6$
13		60	= $\$U\$7*\text{COS}(S13*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S13*PI()/180)+\$U\$6$
14		80	= $\$U\$7*\text{COS}(S14*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S14*PI()/180)+\$U\$6$
15		100	= $\$U\$7*\text{COS}(S15*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S15*PI()/180)+\$U\$6$
16		120	= $\$U\$7*\text{COS}(S16*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S16*PI()/180)+\$U\$6$
17		140	= $\$U\$7*\text{COS}(S17*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S17*PI()/180)+\$U\$6$
18		160	= $\$U\$7*\text{COS}(S18*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S18*PI()/180)+\$U\$6$
19		180	= $\$U\$7*\text{COS}(S19*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S19*PI()/180)+\$U\$6$
20		200	= $\$U\$7*\text{COS}(S20*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S20*PI()/180)+\$U\$6$
21		220	= $\$U\$7*\text{COS}(S21*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S21*PI()/180)+\$U\$6$
22		240	= $\$U\$7*\text{COS}(S22*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S22*PI()/180)+\$U\$6$
23		260	= $\$U\$7*\text{COS}(S23*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S23*PI()/180)+\$U\$6$
24		280	= $\$U\$7*\text{COS}(S24*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S24*PI()/180)+\$U\$6$
25		300	= $\$U\$7*\text{COS}(S25*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S25*PI()/180)+\$U\$6$
26		320	= $\$U\$7*\text{COS}(S26*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S26*PI()/180)+\$U\$6$
27		340	= $\$U\$7*\text{COS}(S27*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S27*PI()/180)+\$U\$6$
28		360	= $\$U\$7*\text{COS}(S28*PI()/180)+\$U\$5$	= $\$U\$7*\text{SIN}(S28*PI()/180)+\$U\$6$
29	Calc Lamp		=C11	
30	Desired Chromaticity		=C13	
31	Lamp Measured		=C12	

FIG. 20

FIG. 21

	V	W	X	Y
9	Calc Lamp	Desired Chromaticity	Lamp Measured	
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29	=D11			
30		=D13		
31			=D12	

FIG. 21

	A	B	C	D	E	F	G
36	Lamp Color Calculation			Red Green Blue Phosphor			
37							
38					7.1W	7.25W	7.0W
39	Red	Green	Blue	Wavelength	Red	Green	Blue
40	=K40*Q40	=K40*R40	=K40*S40	400	6.27E-02	1.01E-01	1.36E-01
41	=K41*Q41	=K41*R41	=K41*S41	402	1.03E-01	1.61E-01	2.12E-01
42	=K42*Q42	=K42*R42	=K42*S42	404	1.14E-01	1.81E-01	2.42E-01
43	=K43*Q43	=K43*R43	=K43*S43	406	9.82E-02	1.55E-01	2.36E-01
44	=K44*Q44	=K44*R44	=K44*S44	408	6.14E-02	9.43E-02	1.97E-01
45	=K45*Q45	=K45*R45	=K45*S45	410	2.24E-02	3.54E-02	1.58E-01
46	=K46*Q46	=K46*R46	=K46*S46	412	9.45E-03	1.93E-02	1.61E-01
47	=K47*Q47	=K47*R47	=K47*S47	414	9.37E-03	1.57E-02	1.88E-01
48	=K48*Q48	=K48*R48	=K48*S48	416	1.01E-02	1.63E-02	2.27E-01
49	=K49*Q49	=K49*R49	=K49*S49	418	1.24E-02	1.64E-02	2.70E-01
50	=K50*Q50	=K50*R50	=K50*S50	420	1.51E-02	1.94E-02	3.21E-01
51	=K51*Q51	=K51*R51	=K51*S51	422	1.71E-02	2.21E-02	3.78E-01
52	=K52*Q52	=K52*R52	=K52*S52	424	2.16E-02	2.94E-02	4.47E-01
53	=K53*Q53	=K53*R53	=K53*S53	426	2.80E-02	3.87E-02	5.24E-01
54	=K54*Q54	=K54*R54	=K54*S54	428	4.31E-02	5.99E-02	6.13E-01
55	=K55*Q55	=K55*R55	=K55*S55	430	9.49E-02	1.33E-01	7.52E-01
56	=K56*Q56	=K56*R56	=K56*S56	432	2.35E-01	3.38E-01	1.03E+00
57	=K57*Q57	=K57*R57	=K57*S57	434	3.09E-01	4.50E-01	1.20E+00
58	=K58*Q58	=K58*R58	=K58*S58	436	2.86E-01	4.14E-01	1.21E+00
59	=K59*Q59	=K59*R59	=K59*S59	438	2.04E-01	2.95E-01	1.14E+00
60	=K60*Q60	=K60*R60	=K60*S60	440	5.66E-02	8.29E-02	9.44E-01

FIG. 22

	A	B	C	D	E	F	G
61	=K61*Q61	=K61*R61	=K61*S61	442	6.38E-03	8.46E-03	9.01E-01
62	=K62*Q62	=K62*R62	=K62*S62	444	4.79E-03	5.19E-03	9.35E-01
63	=K63*Q63	=K63*R63	=K63*S63	446	4.82E-03	5.27E-03	9.73E-01
64	=K64*Q64	=K64*R64	=K64*S64	448	3.53E-03	5.50E-03	1.00E+00
65	=K65*Q65	=K65*R65	=K65*S65	450	3.95E-03	5.92E-03	1.02E+00
66	=K66*Q66	=K66*R66	=K66*S66	452	4.40E-03	5.76E-03	1.05E+00
67	=K67*Q67	=K67*R67	=K67*S67	454	4.43E-03	4.86E-03	1.05E+00
68	=K68*Q68	=K68*R68	=K68*S68	456	4.45E-03	4.07E-03	1.04E+00
69	=K69*Q69	=K69*R69	=K69*S69	458	4.06E-03	5.38E-03	1.01E+00
70	=K70*Q70	=K70*R70	=K70*S70	460	4.93E-03	5.24E-03	9.73E-01
71	=K71*Q71	=K71*R71	=K71*S71	462	5.73E-03	6.80E-03	9.28E-01
72	=K72*Q72	=K72*R72	=K72*S72	464	7.87E-03	5.12E-03	8.85E-01
73	=K73*Q73	=K73*R73	=K73*S73	466	7.23E-03	5.86E-03	8.40E-01
74	=K74*Q74	=K74*R74	=K74*S74	468	6.67E-03	6.80E-03	7.99E-01
75	=K75*Q75	=K75*R75	=K75*S75	470	6.46E-03	9.84E-03	7.65E-01
76	=K76*Q76	=K76*R76	=K76*S76	472	5.54E-03	1.48E-02	7.34E-01
77	=K77*Q77	=K77*R77	=K77*S77	474	4.94E-03	2.24E-02	7.03E-01
78	=K78*Q78	=K78*R78	=K78*S78	476	5.07E-03	4.18E-02	6.62E-01
79	=K79*Q79	=K79*R79	=K79*S79	478	3.74E-03	8.21E-02	6.30E-01
80	=K80*Q80	=K80*R80	=K80*S80	480	3.71E-03	1.69E-01	5.93E-01
81	=K81*Q81	=K81*R81	=K81*S81	482	4.70E-03	3.08E-01	5.54E-01
82	=K82*Q82	=K82*R82	=K82*S82	484	5.91E-03	4.60E-01	5.10E-01
83	=K83*Q83	=K83*R83	=K83*S83	486	6.24E-03	5.41E-01	4.65E-01
84	=K84*Q84	=K84*R84	=K84*S84	488	6.98E-03	5.26E-01	4.25E-01
85	=K85*Q85	=K85*R85	=K85*S85	490	6.63E-03	4.45E-01	3.88E-01
86	=K86*Q86	=K86*R86	=K86*S86	492	5.99E-03	3.50E-01	3.54E-01

FIG. 23

TABLE 33

	A	B	C	D	E	F	G
87	=K87*Q87	=K87*R87	=K87*S87	494	5.08E-03	2.64E-01	3.19E-01
88	=K88*Q88	=K88*R88	=K88*S88	496	6.47E-03	1.93E-01	2.88E-01
89	=K89*Q89	=K89*R89	=K89*S89	498	5.41E-03	1.39E-01	2.64E-01
90	=K90*Q90	=K90*R90	=K90*S90	500	4.89E-03	9.73E-02	2.43E-01
91	=K91*Q91	=K91*R91	=K91*S91	502	3.19E-03	6.52E-02	2.23E-01
92	=K92*Q92	=K92*R92	=K92*S92	504	3.86E-03	4.32E-02	2.03E-01
93	=K93*Q93	=K93*R93	=K93*S93	506	3.13E-03	2.71E-02	1.88E-01
94	=K94*Q94	=K94*R94	=K94*S94	508	4.33E-03	1.89E-02	1.74E-01
95	=K95*Q95	=K95*R95	=K95*S95	510	5.23E-03	1.38E-02	1.61E-01
96	=K96*Q96	=K96*R96	=K96*S96	512	5.65E-03	1.45E-02	1.49E-01
97	=K97*Q97	=K97*R97	=K97*S97	514	5.56E-03	1.06E-02	1.34E-01
98	=K98*Q98	=K98*R98	=K98*S98	516	4.24E-03	1.03E-02	1.23E-01
99	=K99*Q99	=K99*R99	=K99*S99	518	3.25E-03	9.09E-03	1.11E-01
100	=K100*Q100	=K100*R100	=K100*S100	520	2.77E-03	9.79E-03	1.01E-01
101	=K101*Q101	=K101*R101	=K101*S101	522	3.73E-03	9.44E-03	9.02E-02
102	=K102*Q102	=K102*R102	=K102*S102	524	3.92E-03	1.24E-02	8.14E-02
103	=K103*Q103	=K103*R103	=K103*S103	526	4.87E-03	1.62E-02	7.34E-02
104	=K104*Q104	=K104*R104	=K104*S104	528	1.02E-02	2.20E-02	6.66E-02
105	=K105*Q105	=K105*R105	=K105*S105	530	1.83E-02	3.45E-02	6.08E-02
106	=K106*Q106	=K106*R106	=K106*S106	532	2.44E-02	7.32E-02	5.59E-02
107	=K107*Q107	=K107*R107	=K107*S107	534	2.95E-02	1.92E-01	5.17E-02
108	=K108*Q108	=K108*R108	=K108*S108	536	2.79E-02	6.09E-01	4.85E-02
109	=K109*Q109	=K109*R109	=K109*S109	538	2.58E-02	1.30E+00	5.11E-02
110	=K110*Q110	=K110*R110	=K110*S110	540	6.31E-02	1.99E+00	1.13E-01
111	=K111*Q111	=K111*R111	=K111*S111	542	1.58E-01	2.58E+00	2.71E-01

FIG. 24

	A	B	C	D	E	F	G
112	=K112*Q112	=K112*R112	=K112*S112	544	2.12E-01	2.72E+00	3.63E-01
113	=K113*Q113	=K113*R113	=K113*S113	546	2.14E-01	2.29E+00	3.68E-01
114	=K114*Q114	=K114*R114	=K114*S114	548	1.60E-01	1.71E+00	2.72E-01
115	=K115*Q115	=K115*R115	=K115*S115	550	6.08E-02	1.06E+00	9.93E-02
116	=K116*Q116	=K116*R116	=K116*S116	552	2.64E-02	5.99E-01	3.91E-02
117	=K117*Q117	=K117*R117	=K117*S117	554	1.84E-02	3.35E-01	2.96E-02
118	=K118*Q118	=K118*R118	=K118*S118	556	1.17E-02	1.86E-01	2.43E-02
119	=K119*Q119	=K119*R119	=K119*S119	558	9.45E-03	1.06E-01	2.16E-02
120	=K120*Q120	=K120*R120	=K120*S120	560	1.13E-02	7.38E-02	1.92E-02
121	=K121*Q121	=K121*R121	=K121*S121	562	1.28E-02	5.29E-02	1.78E-02
122	=K122*Q122	=K122*R122	=K122*S122	564	1.53E-02	4.03E-02	1.67E-02
123	=K123*Q123	=K123*R123	=K123*S123	566	1.49E-02	3.17E-02	1.54E-02
124	=K124*Q124	=K124*R124	=K124*S124	568	1.30E-02	2.60E-02	1.52E-02
125	=K125*Q125	=K125*R125	=K125*S125	570	1.40E-02	2.69E-02	1.78E-02
126	=K126*Q126	=K126*R126	=K126*S126	572	2.99E-02	6.13E-02	4.25E-02
127	=K127*Q127	=K127*R127	=K127*S127	574	6.42E-02	1.26E-01	8.73E-02
128	=K128*Q128	=K128*R128	=K128*S128	576	1.08E-01	1.92E-01	1.18E-01
129	=K129*Q129	=K129*R129	=K129*S129	578	1.40E-01	2.67E-01	1.20E-01
130	=K130*Q130	=K130*R130	=K130*S130	580	1.42E-01	3.43E-01	8.80E-02
131	=K131*Q131	=K131*R131	=K131*S131	582	1.50E-01	3.93E-01	4.13E-02
132	=K132*Q132	=K132*R132	=K132*S132	584	1.73E-01	4.03E-01	1.91E-02
133	=K133*Q133	=K133*R133	=K133*S133	586	1.88E-01	3.71E-01	1.39E-02
134	=K134*Q134	=K134*R134	=K134*S134	588	2.28E-01	3.01E-01	1.17E-02
135	=K135*Q135	=K135*R135	=K135*S135	590	2.50E-01	2.32E-01	1.05E-02
136	=K136*Q136	=K136*R136	=K136*S136	592	2.46E-01	1.75E-01	9.05E-03
137	=K137*Q137	=K137*R137	=K137*S137	594	2.59E-01	1.20E-01	8.60E-03

FIG. 25

TABLE 33

	A	B	C	D	E	F	G
138	=K138*Q138	=K138*R138	=K138*S138	596	2.48E-01	8.60E-02	7.66E-03
139	=K139*Q139	=K139*R139	=K139*S139	598	2.21E-01	6.06E-02	7.18E-03
140	=K140*Q140	=K140*R140	=K140*S140	600	2.06E-01	4.35E-02	6.58E-03
141	=K141*Q141	=K141*R141	=K141*S141	602	1.88E-01	2.93E-02	6.31E-03
142	=K142*Q142	=K142*R142	=K142*S142	604	2.46E-01	2.33E-02	6.57E-03
143	=K143*Q143	=K143*R143	=K143*S143	606	8.29E-01	2.25E-02	8.43E-03
144	=K144*Q144	=K144*R144	=K144*S144	608	1.63E+00	2.77E-02	1.00E-02
145	=K145*Q145	=K145*R145	=K145*S145	610	2.08E+00	3.95E-02	1.20E-02
146	=K146*Q146	=K146*R146	=K146*S146	612	2.07E+00	6.47E-02	1.16E-02
147	=K147*Q147	=K147*R147	=K147*S147	614	1.50E+00	1.03E-01	9.20E-03
148	=K148*Q148	=K148*R148	=K148*S148	616	8.20E-01	1.53E-01	7.43E-03
149	=K149*Q149	=K149*R149	=K149*S149	618	4.27E-01	2.11E-01	6.19E-03
150	=K150*Q150	=K150*R150	=K150*S150	620	2.71E-01	2.56E-01	5.48E-03
151	=K151*Q151	=K151*R151	=K151*S151	622	2.39E-01	2.76E-01	5.60E-03
152	=K152*Q152	=K152*R152	=K152*S152	624	2.53E-01	2.53E-01	5.05E-03
153	=K153*Q153	=K153*R153	=K153*S153	626	3.09E-01	2.03E-01	4.70E-03
154	=K154*Q154	=K154*R154	=K154*S154	628	3.52E-01	1.40E-01	4.20E-03
155	=K155*Q155	=K155*R155	=K155*S155	630	3.39E-01	8.49E-02	4.08E-03
156	=K156*Q156	=K156*R156	=K156*S156	632	2.76E-01	4.92E-02	4.03E-03
157	=K157*Q157	=K157*R157	=K157*S157	634	1.67E-01	3.68E-02	3.33E-03
158	=K158*Q158	=K158*R158	=K158*S158	636	9.57E-02	2.87E-02	2.82E-03
159	=K159*Q159	=K159*R159	=K159*S159	638	7.03E-02	2.54E-02	3.05E-03
160	=K160*Q160	=K160*R160	=K160*S160	640	5.98E-02	2.86E-02	3.13E-03
161	=K161*Q161	=K161*R161	=K161*S161	642	5.16E-02	3.01E-02	2.79E-03
162	=K162*Q162	=K162*R162	=K162*S162	644	4.94E-02	3.44E-02	2.43E-03
163	=K163*Q163	=K163*R163	=K163*S163	646	6.67E-02	4.19E-02	3.17E-03

FIG. 26

TABLE A3.3.3.3

	A	B	C	D	E	F	G
164	=K164*Q164	=K164*R164	=K164*S164	648	8.41E-02	4.54E-02	3.31E-03
165	=K165*Q165	=K165*R165	=K165*S165	650	9.10E-02	5.06E-02	3.01E-03
166	=K166*Q166	=K166*R166	=K166*S166	652	8.47E-02	5.11E-02	2.50E-03
167	=K167*Q167	=K167*R167	=K167*S167	654	6.50E-02	5.03E-02	2.59E-03
168	=K168*Q168	=K168*R168	=K168*S168	656	5.08E-02	5.03E-02	1.92E-03
169	=K169*Q169	=K169*R169	=K169*S169	658	5.19E-02	4.68E-02	2.13E-03
170	=K170*Q170	=K170*R170	=K170*S170	660	5.69E-02	4.00E-02	1.86E-03
171	=K171*Q171	=K171*R171	=K171*S171	662	5.61E-02	3.80E-02	1.81E-03
172	=K172*Q172	=K172*R172	=K172*S172	664	4.77E-02	3.79E-02	1.93E-03
173	=K173*Q173	=K173*R173	=K173*S173	666	3.47E-02	3.86E-02	2.12E-03
174	=K174*Q174	=K174*R174	=K174*S174	668	2.52E-02	4.14E-02	1.62E-03
175	=K175*Q175	=K175*R175	=K175*S175	670	2.04E-02	4.07E-02	1.39E-03
176	=K176*Q176	=K176*R176	=K176*S176	672	1.80E-02	3.64E-02	1.05E-03
177	=K177*Q177	=K177*R177	=K177*S177	674	1.55E-02	3.52E-02	2.16E-03
178	=K178*Q178	=K178*R178	=K178*S178	676	1.41E-02	3.76E-02	1.43E-03
179	=K179*Q179	=K179*R179	=K179*S179	678	1.27E-02	4.31E-02	1.44E-03
180	=K180*Q180	=K180*R180	=K180*S180	680	1.61E-02	4.27E-02	1.10E-03
181	=K181*Q181	=K181*R181	=K181*S181	682	2.55E-02	4.08E-02	9.77E-04
182	=K182*Q182	=K182*R182	=K182*S182	684	4.16E-02	3.61E-02	1.20E-03
183	=K183*Q183	=K183*R183	=K183*S183	686	5.38E-02	2.82E-02	2.15E-03
184	=K184*Q184	=K184*R184	=K184*S184	688	5.65E-02	2.27E-02	3.51E-03
185	=K185*Q185	=K185*R185	=K185*S185	690	5.78E-02	1.49E-02	3.40E-03
186	=K186*Q186	=K186*R186	=K186*S186	692	5.94E-02	1.73E-02	5.46E-03
187	=K187*Q187	=K187*R187	=K187*S187	694	6.20E-02	1.99E-02	7.41E-03
188	=K188*Q188	=K188*R188	=K188*S188	696	5.33E-02	1.78E-02	7.64E-03
189	=K189*Q189	=K189*R189	=K189*S189	698	4.28E-02	1.53E-02	7.18E-03
190	=K190*Q190	=K190*R190	=K190*S190	700	4.74E-02	1.11E-02	5.15E-03

FIG. 27

FIG. 28

	A	B	C
192	=SUM(A40:A190)*2	=SUM(B40:B190)*2	=SUM(C40:C190)*2
193			
194	Red		
195	X	= (A192)	
196	Y	= (B192)	
197	Z	= (C192)	
198			
199	x	= (B195)/(B195+B196+B197)	
200	y	= (B196)/(B195+B196+B197)	
201			
202	u'	= (4*B199)/(3+12*B200-2*B199)	
203	v'	= (9*B200)/(3+12*B200-2*B199)	
204			
205	L	= (B196*683*0.2919)	

FIG. 28

	H	I	J	K
36	Spectral Emissions of Mixture			
37				
38				
39	Red	Green	Blue	White
40	=E40*\$E\$5	=F40*\$E\$6	=G40*\$E\$7	=((E\$5*E40)+(E\$6*F40)+(E\$7*G40))
41	=E41*\$E\$5	=F41*\$E\$6	=G41*\$E\$7	=((E\$5*E41)+(E\$6*F41)+(E\$7*G41))
42	=E42*\$E\$5	=F42*\$E\$6	=G42*\$E\$7	=((E\$5*E42)+(E\$6*F42)+(E\$7*G42))
43	=E43*\$E\$5	=F43*\$E\$6	=G43*\$E\$7	=((E\$5*E43)+(E\$6*F43)+(E\$7*G43))
44	=E44*\$E\$5	=F44*\$E\$6	=G44*\$E\$7	=((E\$5*E44)+(E\$6*F44)+(E\$7*G44))
45	=E45*\$E\$5	=F45*\$E\$6	=G45*\$E\$7	=((E\$5*E45)+(E\$6*F45)+(E\$7*G45))
46	=E46*\$E\$5	=F46*\$E\$6	=G46*\$E\$7	=((E\$5*E46)+(E\$6*F46)+(E\$7*G46))
47	=E47*\$E\$5	=F47*\$E\$6	=G47*\$E\$7	=((E\$5*E47)+(E\$6*F47)+(E\$7*G47))
48	=E48*\$E\$5	=F48*\$E\$6	=G48*\$E\$7	=((E\$5*E48)+(E\$6*F48)+(E\$7*G48))
49	=E49*\$E\$5	=F49*\$E\$6	=G49*\$E\$7	=((E\$5*E49)+(E\$6*F49)+(E\$7*G49))
50	=E50*\$E\$5	=F50*\$E\$6	=G50*\$E\$7	=((E\$5*E50)+(E\$6*F50)+(E\$7*G50))
51	=E51*\$E\$5	=F51*\$E\$6	=G51*\$E\$7	=((E\$5*E51)+(E\$6*F51)+(E\$7*G51))
52	=E52*\$E\$5	=F52*\$E\$6	=G52*\$E\$7	=((E\$5*E52)+(E\$6*F52)+(E\$7*G52))
53	=E53*\$E\$5	=F53*\$E\$6	=G53*\$E\$7	=((E\$5*E53)+(E\$6*F53)+(E\$7*G53))
54	=E54*\$E\$5	=F54*\$E\$6	=G54*\$E\$7	=((E\$5*E54)+(E\$6*F54)+(E\$7*G54))
55	=E55*\$E\$5	=F55*\$E\$6	=G55*\$E\$7	=((E\$5*E55)+(E\$6*F55)+(E\$7*G55))
56	=E56*\$E\$5	=F56*\$E\$6	=G56*\$E\$7	=((E\$5*E56)+(E\$6*F56)+(E\$7*G56))
57	=E57*\$E\$5	=F57*\$E\$6	=G57*\$E\$7	=((E\$5*E57)+(E\$6*F57)+(E\$7*G57))
58	=E58*\$E\$5	=F58*\$E\$6	=G58*\$E\$7	=((E\$5*E58)+(E\$6*F58)+(E\$7*G58))
59	=E59*\$E\$5	=F59*\$E\$6	=G59*\$E\$7	=((E\$5*E59)+(E\$6*F59)+(E\$7*G59))
60	=E60*\$E\$5	=F60*\$E\$6	=G60*\$E\$7	=((E\$5*E60)+(E\$6*F60)+(E\$7*G60))

FIG. 29

	H	I	J	K
61	=E61*\$E\$5	=F61*\$E\$6	=G61*\$E\$7	=((\$E\$5*E61)+(\$E\$6*F61)+(\$E\$7*G61))
62	=E62*\$E\$5	=F62*\$E\$6	=G62*\$E\$7	=((\$E\$5*E62)+(\$E\$6*F62)+(\$E\$7*G62))
63	=E63*\$E\$5	=F63*\$E\$6	=G63*\$E\$7	=((\$E\$5*E63)+(\$E\$6*F63)+(\$E\$7*G63))
64	=E64*\$E\$5	=F64*\$E\$6	=G64*\$E\$7	=((\$E\$5*E64)+(\$E\$6*F64)+(\$E\$7*G64))
65	=E65*\$E\$5	=F65*\$E\$6	=G65*\$E\$7	=((\$E\$5*E65)+(\$E\$6*F65)+(\$E\$7*G65))
66	=E66*\$E\$5	=F66*\$E\$6	=G66*\$E\$7	=((\$E\$5*E66)+(\$E\$6*F66)+(\$E\$7*G66))
67	=E67*\$E\$5	=F67*\$E\$6	=G67*\$E\$7	=((\$E\$5*E67)+(\$E\$6*F67)+(\$E\$7*G67))
68	=E68*\$E\$5	=F68*\$E\$6	=G68*\$E\$7	=((\$E\$5*E68)+(\$E\$6*F68)+(\$E\$7*G68))
69	=E69*\$E\$5	=F69*\$E\$6	=G69*\$E\$7	=((\$E\$5*E69)+(\$E\$6*F69)+(\$E\$7*G69))
70	=E70*\$E\$5	=F70*\$E\$6	=G70*\$E\$7	=((\$E\$5*E70)+(\$E\$6*F70)+(\$E\$7*G70))
71	=E71*\$E\$5	=F71*\$E\$6	=G71*\$E\$7	=((\$E\$5*E71)+(\$E\$6*F71)+(\$E\$7*G71))
72	=E72*\$E\$5	=F72*\$E\$6	=G72*\$E\$7	=((\$E\$5*E72)+(\$E\$6*F72)+(\$E\$7*G72))
73	=E73*\$E\$5	=F73*\$E\$6	=G73*\$E\$7	=((\$E\$5*E73)+(\$E\$6*F73)+(\$E\$7*G73))
74	=E74*\$E\$5	=F74*\$E\$6	=G74*\$E\$7	=((\$E\$5*E74)+(\$E\$6*F74)+(\$E\$7*G74))
75	=E75*\$E\$5	=F75*\$E\$6	=G75*\$E\$7	=((\$E\$5*E75)+(\$E\$6*F75)+(\$E\$7*G75))
76	=E76*\$E\$5	=F76*\$E\$6	=G76*\$E\$7	=((\$E\$5*E76)+(\$E\$6*F76)+(\$E\$7*G76))
77	=E77*\$E\$5	=F77*\$E\$6	=G77*\$E\$7	=((\$E\$5*E77)+(\$E\$6*F77)+(\$E\$7*G77))
78	=E78*\$E\$5	=F78*\$E\$6	=G78*\$E\$7	=((\$E\$5*E78)+(\$E\$6*F78)+(\$E\$7*G78))
79	=E79*\$E\$5	=F79*\$E\$6	=G79*\$E\$7	=((\$E\$5*E79)+(\$E\$6*F79)+(\$E\$7*G79))
80	=E80*\$E\$5	=F80*\$E\$6	=G80*\$E\$7	=((\$E\$5*E80)+(\$E\$6*F80)+(\$E\$7*G80))
81	=E81*\$E\$5	=F81*\$E\$6	=G81*\$E\$7	=((\$E\$5*E81)+(\$E\$6*F81)+(\$E\$7*G81))
82	=E82*\$E\$5	=F82*\$E\$6	=G82*\$E\$7	=((\$E\$5*E82)+(\$E\$6*F82)+(\$E\$7*G82))
83	=E83*\$E\$5	=F83*\$E\$6	=G83*\$E\$7	=((\$E\$5*E83)+(\$E\$6*F83)+(\$E\$7*G83))
84	=E84*\$E\$5	=F84*\$E\$6	=G84*\$E\$7	=((\$E\$5*E84)+(\$E\$6*F84)+(\$E\$7*G84))
85	=E85*\$E\$5	=F85*\$E\$6	=G85*\$E\$7	=((\$E\$5*E85)+(\$E\$6*F85)+(\$E\$7*G85))
86	=E86*\$E\$5	=F86*\$E\$6	=G86*\$E\$7	=((\$E\$5*E86)+(\$E\$6*F86)+(\$E\$7*G86))

FIG. 30

	H	I	J	K
87	=E87*\$E\$5	=F87*\$E\$6	=G87*\$E\$7	=((\$E\$5*E87)+(\$E\$6*F87)+(\$E\$7*G87))
88	=E88*\$E\$5	=F88*\$E\$6	=G88*\$E\$7	=((\$E\$5*E88)+(\$E\$6*F88)+(\$E\$7*G88))
89	=E89*\$E\$5	=F89*\$E\$6	=G89*\$E\$7	=((\$E\$5*E89)+(\$E\$6*F89)+(\$E\$7*G89))
90	=E90*\$E\$5	=F90*\$E\$6	=G90*\$E\$7	=((\$E\$5*E90)+(\$E\$6*F90)+(\$E\$7*G90))
91	=E91*\$E\$5	=F91*\$E\$6	=G91*\$E\$7	=((\$E\$5*E91)+(\$E\$6*F91)+(\$E\$7*G91))
92	=E92*\$E\$5	=F92*\$E\$6	=G92*\$E\$7	=((\$E\$5*E92)+(\$E\$6*F92)+(\$E\$7*G92))
93	=E93*\$E\$5	=F93*\$E\$6	=G93*\$E\$7	=((\$E\$5*E93)+(\$E\$6*F93)+(\$E\$7*G93))
94	=E94*\$E\$5	=F94*\$E\$6	=G94*\$E\$7	=((\$E\$5*E94)+(\$E\$6*F94)+(\$E\$7*G94))
95	=E95*\$E\$5	=F95*\$E\$6	=G95*\$E\$7	=((\$E\$5*E95)+(\$E\$6*F95)+(\$E\$7*G95))
96	=E96*\$E\$5	=F96*\$E\$6	=G96*\$E\$7	=((\$E\$5*E96)+(\$E\$6*F96)+(\$E\$7*G96))
97	=E97*\$E\$5	=F97*\$E\$6	=G97*\$E\$7	=((\$E\$5*E97)+(\$E\$6*F97)+(\$E\$7*G97))
98	=E98*\$E\$5	=F98*\$E\$6	=G98*\$E\$7	=((\$E\$5*E98)+(\$E\$6*F98)+(\$E\$7*G98))
99	=E99*\$E\$5	=F99*\$E\$6	=G99*\$E\$7	=((\$E\$5*E99)+(\$E\$6*F99)+(\$E\$7*G99))
100	=E100*\$E\$5	=F100*\$E\$6	=G100*\$E\$7	=((\$E\$5*E100)+(\$E\$6*F100)+(\$E\$7*G100))
101	=E101*\$E\$5	=F101*\$E\$6	=G101*\$E\$7	=((\$E\$5*E101)+(\$E\$6*F101)+(\$E\$7*G101))
102	=E102*\$E\$5	=F102*\$E\$6	=G102*\$E\$7	=((\$E\$5*E102)+(\$E\$6*F102)+(\$E\$7*G102))
103	=E103*\$E\$5	=F103*\$E\$6	=G103*\$E\$7	=((\$E\$5*E103)+(\$E\$6*F103)+(\$E\$7*G103))
104	=E104*\$E\$5	=F104*\$E\$6	=G104*\$E\$7	=((\$E\$5*E104)+(\$E\$6*F104)+(\$E\$7*G104))
105	=E105*\$E\$5	=F105*\$E\$6	=G105*\$E\$7	=((\$E\$5*E105)+(\$E\$6*F105)+(\$E\$7*G105))
106	=E106*\$E\$5	=F106*\$E\$6	=G106*\$E\$7	=((\$E\$5*E106)+(\$E\$6*F106)+(\$E\$7*G106))
107	=E107*\$E\$5	=F107*\$E\$6	=G107*\$E\$7	=((\$E\$5*E107)+(\$E\$6*F107)+(\$E\$7*G107))
108	=E108*\$E\$5	=F108*\$E\$6	=G108*\$E\$7	=((\$E\$5*E108)+(\$E\$6*F108)+(\$E\$7*G108))
109	=E109*\$E\$5	=F109*\$E\$6	=G109*\$E\$7	=((\$E\$5*E109)+(\$E\$6*F109)+(\$E\$7*G109))
110	=E110*\$E\$5	=F110*\$E\$6	=G110*\$E\$7	=((\$E\$5*E110)+(\$E\$6*F110)+(\$E\$7*G110))
111	=E111*\$E\$5	=F111*\$E\$6	=G111*\$E\$7	=((\$E\$5*E111)+(\$E\$6*F111)+(\$E\$7*G111))

FIG. 31

	H	I	J	K
112	=E112*\$E\$5	=F112*\$E\$6	=G112*\$E\$7	=((\$E\$5*E112)+(\$E\$6*F112)+(\$E\$7*G112))
113	=E113*\$E\$5	=F113*\$E\$6	=G113*\$E\$7	=((\$E\$5*E113)+(\$E\$6*F113)+(\$E\$7*G113))
114	=E114*\$E\$5	=F114*\$E\$6	=G114*\$E\$7	=((\$E\$5*E114)+(\$E\$6*F114)+(\$E\$7*G114))
115	=E115*\$E\$5	=F115*\$E\$6	=G115*\$E\$7	=((\$E\$5*E115)+(\$E\$6*F115)+(\$E\$7*G115))
116	=E116*\$E\$5	=F116*\$E\$6	=G116*\$E\$7	=((\$E\$5*E116)+(\$E\$6*F116)+(\$E\$7*G116))
117	=E117*\$E\$5	=F117*\$E\$6	=G117*\$E\$7	=((\$E\$5*E117)+(\$E\$6*F117)+(\$E\$7*G117))
118	=E118*\$E\$5	=F118*\$E\$6	=G118*\$E\$7	=((\$E\$5*E118)+(\$E\$6*F118)+(\$E\$7*G118))
119	=E119*\$E\$5	=F119*\$E\$6	=G119*\$E\$7	=((\$E\$5*E119)+(\$E\$6*F119)+(\$E\$7*G119))
120	=E120*\$E\$5	=F120*\$E\$6	=G120*\$E\$7	=((\$E\$5*E120)+(\$E\$6*F120)+(\$E\$7*G120))
121	=E121*\$E\$5	=F121*\$E\$6	=G121*\$E\$7	=((\$E\$5*E121)+(\$E\$6*F121)+(\$E\$7*G121))
122	=E122*\$E\$5	=F122*\$E\$6	=G122*\$E\$7	=((\$E\$5*E122)+(\$E\$6*F122)+(\$E\$7*G122))
123	=E123*\$E\$5	=F123*\$E\$6	=G123*\$E\$7	=((\$E\$5*E123)+(\$E\$6*F123)+(\$E\$7*G123))
124	=E124*\$E\$5	=F124*\$E\$6	=G124*\$E\$7	=((\$E\$5*E124)+(\$E\$6*F124)+(\$E\$7*G124))
125	=E125*\$E\$5	=F125*\$E\$6	=G125*\$E\$7	=((\$E\$5*E125)+(\$E\$6*F125)+(\$E\$7*G125))
126	=E126*\$E\$5	=F126*\$E\$6	=G126*\$E\$7	=((\$E\$5*E126)+(\$E\$6*F126)+(\$E\$7*G126))
127	=E127*\$E\$5	=F127*\$E\$6	=G127*\$E\$7	=((\$E\$5*E127)+(\$E\$6*F127)+(\$E\$7*G127))
128	=E128*\$E\$5	=F128*\$E\$6	=G128*\$E\$7	=((\$E\$5*E128)+(\$E\$6*F128)+(\$E\$7*G128))
129	=E129*\$E\$5	=F129*\$E\$6	=G129*\$E\$7	=((\$E\$5*E129)+(\$E\$6*F129)+(\$E\$7*G129))
130	=E130*\$E\$5	=F130*\$E\$6	=G130*\$E\$7	=((\$E\$5*E130)+(\$E\$6*F130)+(\$E\$7*G130))
131	=E131*\$E\$5	=F131*\$E\$6	=G131*\$E\$7	=((\$E\$5*E131)+(\$E\$6*F131)+(\$E\$7*G131))
132	=E132*\$E\$5	=F132*\$E\$6	=G132*\$E\$7	=((\$E\$5*E132)+(\$E\$6*F132)+(\$E\$7*G132))
133	=E133*\$E\$5	=F133*\$E\$6	=G133*\$E\$7	=((\$E\$5*E133)+(\$E\$6*F133)+(\$E\$7*G133))
134	=E134*\$E\$5	=F134*\$E\$6	=G134*\$E\$7	=((\$E\$5*E134)+(\$E\$6*F134)+(\$E\$7*G134))
135	=E135*\$E\$5	=F135*\$E\$6	=G135*\$E\$7	=((\$E\$5*E135)+(\$E\$6*F135)+(\$E\$7*G135))
136	=E136*\$E\$5	=F136*\$E\$6	=G136*\$E\$7	=((\$E\$5*E136)+(\$E\$6*F136)+(\$E\$7*G136))
137	=E137*\$E\$5	=F137*\$E\$6	=G137*\$E\$7	=((\$E\$5*E137)+(\$E\$6*F137)+(\$E\$7*G137))

FIG. 32

	H	I	J	K
138	=E138*\$E\$5	=F138*\$E\$6	=G138*\$E\$7	=((\$E\$5*E138)+(\$E\$6*F138)+(\$E\$7*G138))
139	=E139*\$E\$5	=F139*\$E\$6	=G139*\$E\$7	=((\$E\$5*E139)+(\$E\$6*F139)+(\$E\$7*G139))
140	=E140*\$E\$5	=F140*\$E\$6	=G140*\$E\$7	=((\$E\$5*E140)+(\$E\$6*F140)+(\$E\$7*G140))
141	=E141*\$E\$5	=F141*\$E\$6	=G141*\$E\$7	=((\$E\$5*E141)+(\$E\$6*F141)+(\$E\$7*G141))
142	=E142*\$E\$5	=F142*\$E\$6	=G142*\$E\$7	=((\$E\$5*E142)+(\$E\$6*F142)+(\$E\$7*G142))
143	=E143*\$E\$5	=F143*\$E\$6	=G143*\$E\$7	=((\$E\$5*E143)+(\$E\$6*F143)+(\$E\$7*G143))
144	=E144*\$E\$5	=F144*\$E\$6	=G144*\$E\$7	=((\$E\$5*E144)+(\$E\$6*F144)+(\$E\$7*G144))
145	=E145*\$E\$5	=F145*\$E\$6	=G145*\$E\$7	=((\$E\$5*E145)+(\$E\$6*F145)+(\$E\$7*G145))
146	=E146*\$E\$5	=F146*\$E\$6	=G146*\$E\$7	=((\$E\$5*E146)+(\$E\$6*F146)+(\$E\$7*G146))
147	=E147*\$E\$5	=F147*\$E\$6	=G147*\$E\$7	=((\$E\$5*E147)+(\$E\$6*F147)+(\$E\$7*G147))
148	=E148*\$E\$5	=F148*\$E\$6	=G148*\$E\$7	=((\$E\$5*E148)+(\$E\$6*F148)+(\$E\$7*G148))
149	=E149*\$E\$5	=F149*\$E\$6	=G149*\$E\$7	=((\$E\$5*E149)+(\$E\$6*F149)+(\$E\$7*G149))
150	=E150*\$E\$5	=F150*\$E\$6	=G150*\$E\$7	=((\$E\$5*E150)+(\$E\$6*F150)+(\$E\$7*G150))
151	=E151*\$E\$5	=F151*\$E\$6	=G151*\$E\$7	=((\$E\$5*E151)+(\$E\$6*F151)+(\$E\$7*G151))
152	=E152*\$E\$5	=F152*\$E\$6	=G152*\$E\$7	=((\$E\$5*E152)+(\$E\$6*F152)+(\$E\$7*G152))
153	=E153*\$E\$5	=F153*\$E\$6	=G153*\$E\$7	=((\$E\$5*E153)+(\$E\$6*F153)+(\$E\$7*G153))
154	=E154*\$E\$5	=F154*\$E\$6	=G154*\$E\$7	=((\$E\$5*E154)+(\$E\$6*F154)+(\$E\$7*G154))
155	=E155*\$E\$5	=F155*\$E\$6	=G155*\$E\$7	=((\$E\$5*E155)+(\$E\$6*F155)+(\$E\$7*G155))
156	=E156*\$E\$5	=F156*\$E\$6	=G156*\$E\$7	=((\$E\$5*E156)+(\$E\$6*F156)+(\$E\$7*G156))
157	=E157*\$E\$5	=F157*\$E\$6	=G157*\$E\$7	=((\$E\$5*E157)+(\$E\$6*F157)+(\$E\$7*G157))
158	=E158*\$E\$5	=F158*\$E\$6	=G158*\$E\$7	=((\$E\$5*E158)+(\$E\$6*F158)+(\$E\$7*G158))
159	=E159*\$E\$5	=F159*\$E\$6	=G159*\$E\$7	=((\$E\$5*E159)+(\$E\$6*F159)+(\$E\$7*G159))
160	=E160*\$E\$5	=F160*\$E\$6	=G160*\$E\$7	=((\$E\$5*E160)+(\$E\$6*F160)+(\$E\$7*G160))
161	=E161*\$E\$5	=F161*\$E\$6	=G161*\$E\$7	=((\$E\$5*E161)+(\$E\$6*F161)+(\$E\$7*G161))
162	=E162*\$E\$5	=F162*\$E\$6	=G162*\$E\$7	=((\$E\$5*E162)+(\$E\$6*F162)+(\$E\$7*G162))
163	=E163*\$E\$5	=F163*\$E\$6	=G163*\$E\$7	=((\$E\$5*E163)+(\$E\$6*F163)+(\$E\$7*G163))

FIG. 33

	H	I	J	K
164	=E164*\$E\$5	=F164*\$E\$6	=G164*\$E\$7	=((\$E\$5*E164)+(\$E\$6*F164)+(\$E\$7*G164))
165	=E165*\$E\$5	=F165*\$E\$6	=G165*\$E\$7	=((\$E\$5*E165)+(\$E\$6*F165)+(\$E\$7*G165))
166	=E166*\$E\$5	=F166*\$E\$6	=G166*\$E\$7	=((\$E\$5*E166)+(\$E\$6*F166)+(\$E\$7*G166))
167	=E167*\$E\$5	=F167*\$E\$6	=G167*\$E\$7	=((\$E\$5*E167)+(\$E\$6*F167)+(\$E\$7*G167))
168	=E168*\$E\$5	=F168*\$E\$6	=G168*\$E\$7	=((\$E\$5*E168)+(\$E\$6*F168)+(\$E\$7*G168))
169	=E169*\$E\$5	=F169*\$E\$6	=G169*\$E\$7	=((\$E\$5*E169)+(\$E\$6*F169)+(\$E\$7*G169))
170	=E170*\$E\$5	=F170*\$E\$6	=G170*\$E\$7	=((\$E\$5*E170)+(\$E\$6*F170)+(\$E\$7*G170))
171	=E171*\$E\$5	=F171*\$E\$6	=G171*\$E\$7	=((\$E\$5*E171)+(\$E\$6*F171)+(\$E\$7*G171))
172	=E172*\$E\$5	=F172*\$E\$6	=G172*\$E\$7	=((\$E\$5*E172)+(\$E\$6*F172)+(\$E\$7*G172))
173	=E173*\$E\$5	=F173*\$E\$6	=G173*\$E\$7	=((\$E\$5*E173)+(\$E\$6*F173)+(\$E\$7*G173))
174	=E174*\$E\$5	=F174*\$E\$6	=G174*\$E\$7	=((\$E\$5*E174)+(\$E\$6*F174)+(\$E\$7*G174))
175	=E175*\$E\$5	=F175*\$E\$6	=G175*\$E\$7	=((\$E\$5*E175)+(\$E\$6*F175)+(\$E\$7*G175))
176	=E176*\$E\$5	=F176*\$E\$6	=G176*\$E\$7	=((\$E\$5*E176)+(\$E\$6*F176)+(\$E\$7*G176))
177	=E177*\$E\$5	=F177*\$E\$6	=G177*\$E\$7	=((\$E\$5*E177)+(\$E\$6*F177)+(\$E\$7*G177))
178	=E178*\$E\$5	=F178*\$E\$6	=G178*\$E\$7	=((\$E\$5*E178)+(\$E\$6*F178)+(\$E\$7*G178))
179	=E179*\$E\$5	=F179*\$E\$6	=G179*\$E\$7	=((\$E\$5*E179)+(\$E\$6*F179)+(\$E\$7*G179))
180	=E180*\$E\$5	=F180*\$E\$6	=G180*\$E\$7	=((\$E\$5*E180)+(\$E\$6*F180)+(\$E\$7*G180))
181	=E181*\$E\$5	=F181*\$E\$6	=G181*\$E\$7	=((\$E\$5*E181)+(\$E\$6*F181)+(\$E\$7*G181))
182	=E182*\$E\$5	=F182*\$E\$6	=G182*\$E\$7	=((\$E\$5*E182)+(\$E\$6*F182)+(\$E\$7*G182))
183	=E183*\$E\$5	=F183*\$E\$6	=G183*\$E\$7	=((\$E\$5*E183)+(\$E\$6*F183)+(\$E\$7*G183))
184	=E184*\$E\$5	=F184*\$E\$6	=G184*\$E\$7	=((\$E\$5*E184)+(\$E\$6*F184)+(\$E\$7*G184))
185	=E185*\$E\$5	=F185*\$E\$6	=G185*\$E\$7	=((\$E\$5*E185)+(\$E\$6*F185)+(\$E\$7*G185))
186	=E186*\$E\$5	=F186*\$E\$6	=G186*\$E\$7	=((\$E\$5*E186)+(\$E\$6*F186)+(\$E\$7*G186))
187	=E187*\$E\$5	=F187*\$E\$6	=G187*\$E\$7	=((\$E\$5*E187)+(\$E\$6*F187)+(\$E\$7*G187))
188	=E188*\$E\$5	=F188*\$E\$6	=G188*\$E\$7	=((\$E\$5*E188)+(\$E\$6*F188)+(\$E\$7*G188))
189	=E189*\$E\$5	=F189*\$E\$6	=G189*\$E\$7	=((\$E\$5*E189)+(\$E\$6*F189)+(\$E\$7*G189))
190	=E190*\$E\$5	=F190*\$E\$6	=G190*\$E\$7	=((\$E\$5*E190)+(\$E\$6*F190)+(\$E\$7*G190))

FIG. 34

	L	M	N	O	P
36	Spectral Emissions for Graph				
37	Normalized				
38					
39	Wavelength				
40	400	=H40/MAX(\$H\$40:\$K\$190)	=I40/MAX(\$H\$40:\$K\$190)	=J40/MAX(\$H\$40:\$K\$190)	=K40/MAX(\$H\$40:\$K\$190)
41	=L40+2	=H41/MAX(\$H\$40:\$K\$190)	=I41/MAX(\$H\$40:\$K\$190)	=J41/MAX(\$H\$40:\$K\$190)	=K41/MAX(\$H\$40:\$K\$190)
42	=L41+2	=H42/MAX(\$H\$40:\$K\$190)	=I42/MAX(\$H\$40:\$K\$190)	=J42/MAX(\$H\$40:\$K\$190)	=K42/MAX(\$H\$40:\$K\$190)
43	=L42+2	=H43/MAX(\$H\$40:\$K\$190)	=I43/MAX(\$H\$40:\$K\$190)	=J43/MAX(\$H\$40:\$K\$190)	=K43/MAX(\$H\$40:\$K\$190)
44	=L43+2	=H44/MAX(\$H\$40:\$K\$190)	=I44/MAX(\$H\$40:\$K\$190)	=J44/MAX(\$H\$40:\$K\$190)	=K44/MAX(\$H\$40:\$K\$190)
45	=L44+2	=H45/MAX(\$H\$40:\$K\$190)	=I45/MAX(\$H\$40:\$K\$190)	=J45/MAX(\$H\$40:\$K\$190)	=K45/MAX(\$H\$40:\$K\$190)
46	=L45+2	=H46/MAX(\$H\$40:\$K\$190)	=I46/MAX(\$H\$40:\$K\$190)	=J46/MAX(\$H\$40:\$K\$190)	=K46/MAX(\$H\$40:\$K\$190)
47	=L46+2	=H47/MAX(\$H\$40:\$K\$190)	=I47/MAX(\$H\$40:\$K\$190)	=J47/MAX(\$H\$40:\$K\$190)	=K47/MAX(\$H\$40:\$K\$190)
48	=L47+2	=H48/MAX(\$H\$40:\$K\$190)	=I48/MAX(\$H\$40:\$K\$190)	=J48/MAX(\$H\$40:\$K\$190)	=K48/MAX(\$H\$40:\$K\$190)
49	=L48+2	=H49/MAX(\$H\$40:\$K\$190)	=I49/MAX(\$H\$40:\$K\$190)	=J49/MAX(\$H\$40:\$K\$190)	=K49/MAX(\$H\$40:\$K\$190)
50	=L49+2	=H50/MAX(\$H\$40:\$K\$190)	=I50/MAX(\$H\$40:\$K\$190)	=J50/MAX(\$H\$40:\$K\$190)	=K50/MAX(\$H\$40:\$K\$190)
51	=L50+2	=H51/MAX(\$H\$40:\$K\$190)	=I51/MAX(\$H\$40:\$K\$190)	=J51/MAX(\$H\$40:\$K\$190)	=K51/MAX(\$H\$40:\$K\$190)
52	=L51+2	=H52/MAX(\$H\$40:\$K\$190)	=I52/MAX(\$H\$40:\$K\$190)	=J52/MAX(\$H\$40:\$K\$190)	=K52/MAX(\$H\$40:\$K\$190)
53	=L52+2	=H53/MAX(\$H\$40:\$K\$190)	=I53/MAX(\$H\$40:\$K\$190)	=J53/MAX(\$H\$40:\$K\$190)	=K53/MAX(\$H\$40:\$K\$190)
54	=L53+2	=H54/MAX(\$H\$40:\$K\$190)	=I54/MAX(\$H\$40:\$K\$190)	=J54/MAX(\$H\$40:\$K\$190)	=K54/MAX(\$H\$40:\$K\$190)
55	=L54+2	=H55/MAX(\$H\$40:\$K\$190)	=I55/MAX(\$H\$40:\$K\$190)	=J55/MAX(\$H\$40:\$K\$190)	=K55/MAX(\$H\$40:\$K\$190)
56	=L55+2	=H56/MAX(\$H\$40:\$K\$190)	=I56/MAX(\$H\$40:\$K\$190)	=J56/MAX(\$H\$40:\$K\$190)	=K56/MAX(\$H\$40:\$K\$190)
57	=L56+2	=H57/MAX(\$H\$40:\$K\$190)	=I57/MAX(\$H\$40:\$K\$190)	=J57/MAX(\$H\$40:\$K\$190)	=K57/MAX(\$H\$40:\$K\$190)
58	=L57+2	=H58/MAX(\$H\$40:\$K\$190)	=I58/MAX(\$H\$40:\$K\$190)	=J58/MAX(\$H\$40:\$K\$190)	=K58/MAX(\$H\$40:\$K\$190)
59	=L58+2	=H59/MAX(\$H\$40:\$K\$190)	=I59/MAX(\$H\$40:\$K\$190)	=J59/MAX(\$H\$40:\$K\$190)	=K59/MAX(\$H\$40:\$K\$190)
60	=L59+2	=H60/MAX(\$H\$40:\$K\$190)	=I60/MAX(\$H\$40:\$K\$190)	=J60/MAX(\$H\$40:\$K\$190)	=K60/MAX(\$H\$40:\$K\$190)
61	=L60+2	=H61/MAX(\$H\$40:\$K\$190)	=I61/MAX(\$H\$40:\$K\$190)	=J61/MAX(\$H\$40:\$K\$190)	=K61/MAX(\$H\$40:\$K\$190)
62	=L61+2	=H62/MAX(\$H\$40:\$K\$190)	=I62/MAX(\$H\$40:\$K\$190)	=J62/MAX(\$H\$40:\$K\$190)	=K62/MAX(\$H\$40:\$K\$190)
63	=L62+2	=H63/MAX(\$H\$40:\$K\$190)	=I63/MAX(\$H\$40:\$K\$190)	=J63/MAX(\$H\$40:\$K\$190)	=K63/MAX(\$H\$40:\$K\$190)
64	=L63+2	=H64/MAX(\$H\$40:\$K\$190)	=I64/MAX(\$H\$40:\$K\$190)	=J64/MAX(\$H\$40:\$K\$190)	=K64/MAX(\$H\$40:\$K\$190)

FIG. 35

L	M	N	O	P
65 =L64+2	=H65/MAX(\$H\$40:\$K\$190)	=I65/MAX(\$H\$40:\$K\$190)	=J65/MAX(\$H\$40:\$K\$190)	=K65/MAX(\$H\$40:\$K\$190)
66 =L65+2	=H66/MAX(\$H\$40:\$K\$190)	=I66/MAX(\$H\$40:\$K\$190)	=J66/MAX(\$H\$40:\$K\$190)	=K66/MAX(\$H\$40:\$K\$190)
67 =L66+2	=H67/MAX(\$H\$40:\$K\$190)	=I67/MAX(\$H\$40:\$K\$190)	=J67/MAX(\$H\$40:\$K\$190)	=K67/MAX(\$H\$40:\$K\$190)
68 =L67+2	=H68/MAX(\$H\$40:\$K\$190)	=I68/MAX(\$H\$40:\$K\$190)	=J68/MAX(\$H\$40:\$K\$190)	=K68/MAX(\$H\$40:\$K\$190)
69 =L68+2	=H69/MAX(\$H\$40:\$K\$190)	=I69/MAX(\$H\$40:\$K\$190)	=J69/MAX(\$H\$40:\$K\$190)	=K69/MAX(\$H\$40:\$K\$190)
70 =L69+2	=H70/MAX(\$H\$40:\$K\$190)	=I70/MAX(\$H\$40:\$K\$190)	=J70/MAX(\$H\$40:\$K\$190)	=K70/MAX(\$H\$40:\$K\$190)
71 =L70+2	=H71/MAX(\$H\$40:\$K\$190)	=I71/MAX(\$H\$40:\$K\$190)	=J71/MAX(\$H\$40:\$K\$190)	=K71/MAX(\$H\$40:\$K\$190)
72 =L71+2	=H72/MAX(\$H\$40:\$K\$190)	=I72/MAX(\$H\$40:\$K\$190)	=J72/MAX(\$H\$40:\$K\$190)	=K72/MAX(\$H\$40:\$K\$190)
73 =L72+2	=H73/MAX(\$H\$40:\$K\$190)	=I73/MAX(\$H\$40:\$K\$190)	=J73/MAX(\$H\$40:\$K\$190)	=K73/MAX(\$H\$40:\$K\$190)
74 =L73+2	=H74/MAX(\$H\$40:\$K\$190)	=I74/MAX(\$H\$40:\$K\$190)	=J74/MAX(\$H\$40:\$K\$190)	=K74/MAX(\$H\$40:\$K\$190)
75 =L74+2	=H75/MAX(\$H\$40:\$K\$190)	=I75/MAX(\$H\$40:\$K\$190)	=J75/MAX(\$H\$40:\$K\$190)	=K75/MAX(\$H\$40:\$K\$190)
76 =L75+2	=H76/MAX(\$H\$40:\$K\$190)	=I76/MAX(\$H\$40:\$K\$190)	=J76/MAX(\$H\$40:\$K\$190)	=K76/MAX(\$H\$40:\$K\$190)
77 =L76+2	=H77/MAX(\$H\$40:\$K\$190)	=I77/MAX(\$H\$40:\$K\$190)	=J77/MAX(\$H\$40:\$K\$190)	=K77/MAX(\$H\$40:\$K\$190)
78 =L77+2	=H78/MAX(\$H\$40:\$K\$190)	=I78/MAX(\$H\$40:\$K\$190)	=J78/MAX(\$H\$40:\$K\$190)	=K78/MAX(\$H\$40:\$K\$190)
79 =L78+2	=H79/MAX(\$H\$40:\$K\$190)	=I79/MAX(\$H\$40:\$K\$190)	=J79/MAX(\$H\$40:\$K\$190)	=K79/MAX(\$H\$40:\$K\$190)
80 =L79+2	=H80/MAX(\$H\$40:\$K\$190)	=I80/MAX(\$H\$40:\$K\$190)	=J80/MAX(\$H\$40:\$K\$190)	=K80/MAX(\$H\$40:\$K\$190)
81 =L80+2	=H81/MAX(\$H\$40:\$K\$190)	=I81/MAX(\$H\$40:\$K\$190)	=J81/MAX(\$H\$40:\$K\$190)	=K81/MAX(\$H\$40:\$K\$190)
82 =L81+2	=H82/MAX(\$H\$40:\$K\$190)	=I82/MAX(\$H\$40:\$K\$190)	=J82/MAX(\$H\$40:\$K\$190)	=K82/MAX(\$H\$40:\$K\$190)
83 =L82+2	=H83/MAX(\$H\$40:\$K\$190)	=I83/MAX(\$H\$40:\$K\$190)	=J83/MAX(\$H\$40:\$K\$190)	=K83/MAX(\$H\$40:\$K\$190)
84 =L83+2	=H84/MAX(\$H\$40:\$K\$190)	=I84/MAX(\$H\$40:\$K\$190)	=J84/MAX(\$H\$40:\$K\$190)	=K84/MAX(\$H\$40:\$K\$190)
85 =L84+2	=H85/MAX(\$H\$40:\$K\$190)	=I85/MAX(\$H\$40:\$K\$190)	=J85/MAX(\$H\$40:\$K\$190)	=K85/MAX(\$H\$40:\$K\$190)
86 =L85+2	=H86/MAX(\$H\$40:\$K\$190)	=I86/MAX(\$H\$40:\$K\$190)	=J86/MAX(\$H\$40:\$K\$190)	=K86/MAX(\$H\$40:\$K\$190)
87 =L86+2	=H87/MAX(\$H\$40:\$K\$190)	=I87/MAX(\$H\$40:\$K\$190)	=J87/MAX(\$H\$40:\$K\$190)	=K87/MAX(\$H\$40:\$K\$190)
88 =L87+2	=H88/MAX(\$H\$40:\$K\$190)	=I88/MAX(\$H\$40:\$K\$190)	=J88/MAX(\$H\$40:\$K\$190)	=K88/MAX(\$H\$40:\$K\$190)
89 =L88+2	=H89/MAX(\$H\$40:\$K\$190)	=I89/MAX(\$H\$40:\$K\$190)	=J89/MAX(\$H\$40:\$K\$190)	=K89/MAX(\$H\$40:\$K\$190)
90 =L89+2	=H90/MAX(\$H\$40:\$K\$190)	=I90/MAX(\$H\$40:\$K\$190)	=J90/MAX(\$H\$40:\$K\$190)	=K90/MAX(\$H\$40:\$K\$190)
91 =L90+2	=H91/MAX(\$H\$40:\$K\$190)	=I91/MAX(\$H\$40:\$K\$190)	=J91/MAX(\$H\$40:\$K\$190)	=K91/MAX(\$H\$40:\$K\$190)
92 =L91+2	=H92/MAX(\$H\$40:\$K\$190)	=I92/MAX(\$H\$40:\$K\$190)	=J92/MAX(\$H\$40:\$K\$190)	=K92/MAX(\$H\$40:\$K\$190)
93 =L92+2	=H93/MAX(\$H\$40:\$K\$190)	=I93/MAX(\$H\$40:\$K\$190)	=J93/MAX(\$H\$40:\$K\$190)	=K93/MAX(\$H\$40:\$K\$190)

FIG. 36

L	M	N	O	P
94 =L93+2	=H94/MAX(\$H\$40:\$K\$190)	=I94/MAX(\$H\$40:\$K\$190)	=J94/MAX(\$H\$40:\$K\$190)	=K94/MAX(\$H\$40:\$K\$190)
95 =L94+2	=H95/MAX(\$H\$40:\$K\$190)	=I95/MAX(\$H\$40:\$K\$190)	=J95/MAX(\$H\$40:\$K\$190)	=K95/MAX(\$H\$40:\$K\$190)
96 =L95+2	=H96/MAX(\$H\$40:\$K\$190)	=I96/MAX(\$H\$40:\$K\$190)	=J96/MAX(\$H\$40:\$K\$190)	=K96/MAX(\$H\$40:\$K\$190)
97 =L96+2	=H97/MAX(\$H\$40:\$K\$190)	=I97/MAX(\$H\$40:\$K\$190)	=J97/MAX(\$H\$40:\$K\$190)	=K97/MAX(\$H\$40:\$K\$190)
98 =L97+2	=H98/MAX(\$H\$40:\$K\$190)	=I98/MAX(\$H\$40:\$K\$190)	=J98/MAX(\$H\$40:\$K\$190)	=K98/MAX(\$H\$40:\$K\$190)
99 =L98+2	=H99/MAX(\$H\$40:\$K\$190)	=I99/MAX(\$H\$40:\$K\$190)	=J99/MAX(\$H\$40:\$K\$190)	=K99/MAX(\$H\$40:\$K\$190)
100 =L99+2	=H100/MAX(\$H\$40:\$K\$190)	=I100/MAX(\$H\$40:\$K\$190)	=J100/MAX(\$H\$40:\$K\$190)	=K100/MAX(\$H\$40:\$K\$190)
101 =L100+2	=H101/MAX(\$H\$40:\$K\$190)	=I101/MAX(\$H\$40:\$K\$190)	=J101/MAX(\$H\$40:\$K\$190)	=K101/MAX(\$H\$40:\$K\$190)
102 =L101+2	=H102/MAX(\$H\$40:\$K\$190)	=I102/MAX(\$H\$40:\$K\$190)	=J102/MAX(\$H\$40:\$K\$190)	=K102/MAX(\$H\$40:\$K\$190)
103 =L102+2	=H103/MAX(\$H\$40:\$K\$190)	=I103/MAX(\$H\$40:\$K\$190)	=J103/MAX(\$H\$40:\$K\$190)	=K103/MAX(\$H\$40:\$K\$190)
104 =L103+2	=H104/MAX(\$H\$40:\$K\$190)	=I104/MAX(\$H\$40:\$K\$190)	=J104/MAX(\$H\$40:\$K\$190)	=K104/MAX(\$H\$40:\$K\$190)
105 =L104+2	=H105/MAX(\$H\$40:\$K\$190)	=I105/MAX(\$H\$40:\$K\$190)	=J105/MAX(\$H\$40:\$K\$190)	=K105/MAX(\$H\$40:\$K\$190)
106 =L105+2	=H106/MAX(\$H\$40:\$K\$190)	=I106/MAX(\$H\$40:\$K\$190)	=J106/MAX(\$H\$40:\$K\$190)	=K106/MAX(\$H\$40:\$K\$190)
107 =L106+2	=H107/MAX(\$H\$40:\$K\$190)	=I107/MAX(\$H\$40:\$K\$190)	=J107/MAX(\$H\$40:\$K\$190)	=K107/MAX(\$H\$40:\$K\$190)
108 =L107+2	=H108/MAX(\$H\$40:\$K\$190)	=I108/MAX(\$H\$40:\$K\$190)	=J108/MAX(\$H\$40:\$K\$190)	=K108/MAX(\$H\$40:\$K\$190)
109 =L108+2	=H109/MAX(\$H\$40:\$K\$190)	=I109/MAX(\$H\$40:\$K\$190)	=J109/MAX(\$H\$40:\$K\$190)	=K109/MAX(\$H\$40:\$K\$190)
110 =L109+2	=H110/MAX(\$H\$40:\$K\$190)	=I110/MAX(\$H\$40:\$K\$190)	=J110/MAX(\$H\$40:\$K\$190)	=K110/MAX(\$H\$40:\$K\$190)
111 =L110+2	=H111/MAX(\$H\$40:\$K\$190)	=I111/MAX(\$H\$40:\$K\$190)	=J111/MAX(\$H\$40:\$K\$190)	=K111/MAX(\$H\$40:\$K\$190)
112 =L111+2	=H112/MAX(\$H\$40:\$K\$190)	=I112/MAX(\$H\$40:\$K\$190)	=J112/MAX(\$H\$40:\$K\$190)	=K112/MAX(\$H\$40:\$K\$190)
113 =L112+2	=H113/MAX(\$H\$40:\$K\$190)	=I113/MAX(\$H\$40:\$K\$190)	=J113/MAX(\$H\$40:\$K\$190)	=K113/MAX(\$H\$40:\$K\$190)
114 =L113+2	=H114/MAX(\$H\$40:\$K\$190)	=I114/MAX(\$H\$40:\$K\$190)	=J114/MAX(\$H\$40:\$K\$190)	=K114/MAX(\$H\$40:\$K\$190)
115 =L114+2	=H115/MAX(\$H\$40:\$K\$190)	=I115/MAX(\$H\$40:\$K\$190)	=J115/MAX(\$H\$40:\$K\$190)	=K115/MAX(\$H\$40:\$K\$190)
116 =L115+2	=H116/MAX(\$H\$40:\$K\$190)	=I116/MAX(\$H\$40:\$K\$190)	=J116/MAX(\$H\$40:\$K\$190)	=K116/MAX(\$H\$40:\$K\$190)
117 =L116+2	=H117/MAX(\$H\$40:\$K\$190)	=I117/MAX(\$H\$40:\$K\$190)	=J117/MAX(\$H\$40:\$K\$190)	=K117/MAX(\$H\$40:\$K\$190)
118 =L117+2	=H118/MAX(\$H\$40:\$K\$190)	=I118/MAX(\$H\$40:\$K\$190)	=J118/MAX(\$H\$40:\$K\$190)	=K118/MAX(\$H\$40:\$K\$190)
119 =L118+2	=H119/MAX(\$H\$40:\$K\$190)	=I119/MAX(\$H\$40:\$K\$190)	=J119/MAX(\$H\$40:\$K\$190)	=K119/MAX(\$H\$40:\$K\$190)
120 =L119+2	=H120/MAX(\$H\$40:\$K\$190)	=I120/MAX(\$H\$40:\$K\$190)	=J120/MAX(\$H\$40:\$K\$190)	=K120/MAX(\$H\$40:\$K\$190)
121 =L120+2	=H121/MAX(\$H\$40:\$K\$190)	=I121/MAX(\$H\$40:\$K\$190)	=J121/MAX(\$H\$40:\$K\$190)	=K121/MAX(\$H\$40:\$K\$190)

FIG. 37

	L	M	N	O	P
122	=L121+2	=H122/MAX(\$H\$40:\$K\$190)	=I122/MAX(\$H\$40:\$K\$190)	=J122/MAX(\$H\$40:\$K\$190)	=K122/MAX(\$H\$40:\$K\$190)
123	=L122+2	=H123/MAX(\$H\$40:\$K\$190)	=I123/MAX(\$H\$40:\$K\$190)	=J123/MAX(\$H\$40:\$K\$190)	=K123/MAX(\$H\$40:\$K\$190)
124	=L123+2	=H124/MAX(\$H\$40:\$K\$190)	=I124/MAX(\$H\$40:\$K\$190)	=J124/MAX(\$H\$40:\$K\$190)	=K124/MAX(\$H\$40:\$K\$190)
125	=L124+2	=H125/MAX(\$H\$40:\$K\$190)	=I125/MAX(\$H\$40:\$K\$190)	=J125/MAX(\$H\$40:\$K\$190)	=K125/MAX(\$H\$40:\$K\$190)
126	=L125+2	=H126/MAX(\$H\$40:\$K\$190)	=I126/MAX(\$H\$40:\$K\$190)	=J126/MAX(\$H\$40:\$K\$190)	=K126/MAX(\$H\$40:\$K\$190)
127	=L126+2	=H127/MAX(\$H\$40:\$K\$190)	=I127/MAX(\$H\$40:\$K\$190)	=J127/MAX(\$H\$40:\$K\$190)	=K127/MAX(\$H\$40:\$K\$190)
128	=L127+2	=H128/MAX(\$H\$40:\$K\$190)	=I128/MAX(\$H\$40:\$K\$190)	=J128/MAX(\$H\$40:\$K\$190)	=K128/MAX(\$H\$40:\$K\$190)
129	=L128+2	=H129/MAX(\$H\$40:\$K\$190)	=I129/MAX(\$H\$40:\$K\$190)	=J129/MAX(\$H\$40:\$K\$190)	=K129/MAX(\$H\$40:\$K\$190)
130	=L129+2	=H130/MAX(\$H\$40:\$K\$190)	=I130/MAX(\$H\$40:\$K\$190)	=J130/MAX(\$H\$40:\$K\$190)	=K130/MAX(\$H\$40:\$K\$190)
131	=L130+2	=H131/MAX(\$H\$40:\$K\$190)	=I131/MAX(\$H\$40:\$K\$190)	=J131/MAX(\$H\$40:\$K\$190)	=K131/MAX(\$H\$40:\$K\$190)
132	=L131+2	=H132/MAX(\$H\$40:\$K\$190)	=I132/MAX(\$H\$40:\$K\$190)	=J132/MAX(\$H\$40:\$K\$190)	=K132/MAX(\$H\$40:\$K\$190)
133	=L132+2	=H133/MAX(\$H\$40:\$K\$190)	=I133/MAX(\$H\$40:\$K\$190)	=J133/MAX(\$H\$40:\$K\$190)	=K133/MAX(\$H\$40:\$K\$190)
134	=L133+2	=H134/MAX(\$H\$40:\$K\$190)	=I134/MAX(\$H\$40:\$K\$190)	=J134/MAX(\$H\$40:\$K\$190)	=K134/MAX(\$H\$40:\$K\$190)
135	=L134+2	=H135/MAX(\$H\$40:\$K\$190)	=I135/MAX(\$H\$40:\$K\$190)	=J135/MAX(\$H\$40:\$K\$190)	=K135/MAX(\$H\$40:\$K\$190)
136	=L135+2	=H136/MAX(\$H\$40:\$K\$190)	=I136/MAX(\$H\$40:\$K\$190)	=J136/MAX(\$H\$40:\$K\$190)	=K136/MAX(\$H\$40:\$K\$190)
137	=L136+2	=H137/MAX(\$H\$40:\$K\$190)	=I137/MAX(\$H\$40:\$K\$190)	=J137/MAX(\$H\$40:\$K\$190)	=K137/MAX(\$H\$40:\$K\$190)
138	=L137+2	=H138/MAX(\$H\$40:\$K\$190)	=I138/MAX(\$H\$40:\$K\$190)	=J138/MAX(\$H\$40:\$K\$190)	=K138/MAX(\$H\$40:\$K\$190)
139	=L138+2	=H139/MAX(\$H\$40:\$K\$190)	=I139/MAX(\$H\$40:\$K\$190)	=J139/MAX(\$H\$40:\$K\$190)	=K139/MAX(\$H\$40:\$K\$190)
140	=L139+2	=H140/MAX(\$H\$40:\$K\$190)	=I140/MAX(\$H\$40:\$K\$190)	=J140/MAX(\$H\$40:\$K\$190)	=K140/MAX(\$H\$40:\$K\$190)
141	=L140+2	=H141/MAX(\$H\$40:\$K\$190)	=I141/MAX(\$H\$40:\$K\$190)	=J141/MAX(\$H\$40:\$K\$190)	=K141/MAX(\$H\$40:\$K\$190)
142	=L141+2	=H142/MAX(\$H\$40:\$K\$190)	=I142/MAX(\$H\$40:\$K\$190)	=J142/MAX(\$H\$40:\$K\$190)	=K142/MAX(\$H\$40:\$K\$190)
143	=L142+2	=H143/MAX(\$H\$40:\$K\$190)	=I143/MAX(\$H\$40:\$K\$190)	=J143/MAX(\$H\$40:\$K\$190)	=K143/MAX(\$H\$40:\$K\$190)
144	=L143+2	=H144/MAX(\$H\$40:\$K\$190)	=I144/MAX(\$H\$40:\$K\$190)	=J144/MAX(\$H\$40:\$K\$190)	=K144/MAX(\$H\$40:\$K\$190)
145	=L144+2	=H145/MAX(\$H\$40:\$K\$190)	=I145/MAX(\$H\$40:\$K\$190)	=J145/MAX(\$H\$40:\$K\$190)	=K145/MAX(\$H\$40:\$K\$190)
146	=L145+2	=H146/MAX(\$H\$40:\$K\$190)	=I146/MAX(\$H\$40:\$K\$190)	=J146/MAX(\$H\$40:\$K\$190)	=K146/MAX(\$H\$40:\$K\$190)
147	=L146+2	=H147/MAX(\$H\$40:\$K\$190)	=I147/MAX(\$H\$40:\$K\$190)	=J147/MAX(\$H\$40:\$K\$190)	=K147/MAX(\$H\$40:\$K\$190)
148	=L147+2	=H148/MAX(\$H\$40:\$K\$190)	=I148/MAX(\$H\$40:\$K\$190)	=J148/MAX(\$H\$40:\$K\$190)	=K148/MAX(\$H\$40:\$K\$190)
149	=L148+2	=H149/MAX(\$H\$40:\$K\$190)	=I149/MAX(\$H\$40:\$K\$190)	=J149/MAX(\$H\$40:\$K\$190)	=K149/MAX(\$H\$40:\$K\$190)
150	=L149+2	=H150/MAX(\$H\$40:\$K\$190)	=I150/MAX(\$H\$40:\$K\$190)	=J150/MAX(\$H\$40:\$K\$190)	=K150/MAX(\$H\$40:\$K\$190)

FIG. 38

	L	M	N	O	P
151	=L150+2	=H151/MAX(\$H\$40:\$K\$190)	=I151/MAX(\$H\$40:\$K\$190)	=J151/MAX(\$H\$40:\$K\$190)	=K151/MAX(\$H\$40:\$K\$190)
152	=L151+2	=H152/MAX(\$H\$40:\$K\$190)	=I152/MAX(\$H\$40:\$K\$190)	=J152/MAX(\$H\$40:\$K\$190)	=K152/MAX(\$H\$40:\$K\$190)
153	=L152+2	=H153/MAX(\$H\$40:\$K\$190)	=I153/MAX(\$H\$40:\$K\$190)	=J153/MAX(\$H\$40:\$K\$190)	=K153/MAX(\$H\$40:\$K\$190)
154	=L153+2	=H154/MAX(\$H\$40:\$K\$190)	=I154/MAX(\$H\$40:\$K\$190)	=J154/MAX(\$H\$40:\$K\$190)	=K154/MAX(\$H\$40:\$K\$190)
155	=L154+2	=H155/MAX(\$H\$40:\$K\$190)	=I155/MAX(\$H\$40:\$K\$190)	=J155/MAX(\$H\$40:\$K\$190)	=K155/MAX(\$H\$40:\$K\$190)
156	=L155+2	=H156/MAX(\$H\$40:\$K\$190)	=I156/MAX(\$H\$40:\$K\$190)	=J156/MAX(\$H\$40:\$K\$190)	=K156/MAX(\$H\$40:\$K\$190)
157	=L156+2	=H157/MAX(\$H\$40:\$K\$190)	=I157/MAX(\$H\$40:\$K\$190)	=J157/MAX(\$H\$40:\$K\$190)	=K157/MAX(\$H\$40:\$K\$190)
158	=L157+2	=H158/MAX(\$H\$40:\$K\$190)	=I158/MAX(\$H\$40:\$K\$190)	=J158/MAX(\$H\$40:\$K\$190)	=K158/MAX(\$H\$40:\$K\$190)
159	=L158+2	=H159/MAX(\$H\$40:\$K\$190)	=I159/MAX(\$H\$40:\$K\$190)	=J159/MAX(\$H\$40:\$K\$190)	=K159/MAX(\$H\$40:\$K\$190)
160	=L159+2	=H160/MAX(\$H\$40:\$K\$190)	=I160/MAX(\$H\$40:\$K\$190)	=J160/MAX(\$H\$40:\$K\$190)	=K160/MAX(\$H\$40:\$K\$190)
161	=L160+2	=H161/MAX(\$H\$40:\$K\$190)	=I161/MAX(\$H\$40:\$K\$190)	=J161/MAX(\$H\$40:\$K\$190)	=K161/MAX(\$H\$40:\$K\$190)
162	=L161+2	=H162/MAX(\$H\$40:\$K\$190)	=I162/MAX(\$H\$40:\$K\$190)	=J162/MAX(\$H\$40:\$K\$190)	=K162/MAX(\$H\$40:\$K\$190)
163	=L162+2	=H163/MAX(\$H\$40:\$K\$190)	=I163/MAX(\$H\$40:\$K\$190)	=J163/MAX(\$H\$40:\$K\$190)	=K163/MAX(\$H\$40:\$K\$190)
164	=L163+2	=H164/MAX(\$H\$40:\$K\$190)	=I164/MAX(\$H\$40:\$K\$190)	=J164/MAX(\$H\$40:\$K\$190)	=K164/MAX(\$H\$40:\$K\$190)
165	=L164+2	=H165/MAX(\$H\$40:\$K\$190)	=I165/MAX(\$H\$40:\$K\$190)	=J165/MAX(\$H\$40:\$K\$190)	=K165/MAX(\$H\$40:\$K\$190)
166	=L165+2	=H166/MAX(\$H\$40:\$K\$190)	=I166/MAX(\$H\$40:\$K\$190)	=J166/MAX(\$H\$40:\$K\$190)	=K166/MAX(\$H\$40:\$K\$190)
167	=L166+2	=H167/MAX(\$H\$40:\$K\$190)	=I167/MAX(\$H\$40:\$K\$190)	=J167/MAX(\$H\$40:\$K\$190)	=K167/MAX(\$H\$40:\$K\$190)
168	=L167+2	=H168/MAX(\$H\$40:\$K\$190)	=I168/MAX(\$H\$40:\$K\$190)	=J168/MAX(\$H\$40:\$K\$190)	=K168/MAX(\$H\$40:\$K\$190)
169	=L168+2	=H169/MAX(\$H\$40:\$K\$190)	=I169/MAX(\$H\$40:\$K\$190)	=J169/MAX(\$H\$40:\$K\$190)	=K169/MAX(\$H\$40:\$K\$190)
170	=L169+2	=H170/MAX(\$H\$40:\$K\$190)	=I170/MAX(\$H\$40:\$K\$190)	=J170/MAX(\$H\$40:\$K\$190)	=K170/MAX(\$H\$40:\$K\$190)
171	=L170+2	=H171/MAX(\$H\$40:\$K\$190)	=I171/MAX(\$H\$40:\$K\$190)	=J171/MAX(\$H\$40:\$K\$190)	=K171/MAX(\$H\$40:\$K\$190)
172	=L171+2	=H172/MAX(\$H\$40:\$K\$190)	=I172/MAX(\$H\$40:\$K\$190)	=J172/MAX(\$H\$40:\$K\$190)	=K172/MAX(\$H\$40:\$K\$190)
173	=L172+2	=H173/MAX(\$H\$40:\$K\$190)	=I173/MAX(\$H\$40:\$K\$190)	=J173/MAX(\$H\$40:\$K\$190)	=K173/MAX(\$H\$40:\$K\$190)
174	=L173+2	=H174/MAX(\$H\$40:\$K\$190)	=I174/MAX(\$H\$40:\$K\$190)	=J174/MAX(\$H\$40:\$K\$190)	=K174/MAX(\$H\$40:\$K\$190)
175	=L174+2	=H175/MAX(\$H\$40:\$K\$190)	=I175/MAX(\$H\$40:\$K\$190)	=J175/MAX(\$H\$40:\$K\$190)	=K175/MAX(\$H\$40:\$K\$190)
176	=L175+2	=H176/MAX(\$H\$40:\$K\$190)	=I176/MAX(\$H\$40:\$K\$190)	=J176/MAX(\$H\$40:\$K\$190)	=K176/MAX(\$H\$40:\$K\$190)
177	=L176+2	=H177/MAX(\$H\$40:\$K\$190)	=I177/MAX(\$H\$40:\$K\$190)	=J177/MAX(\$H\$40:\$K\$190)	=K177/MAX(\$H\$40:\$K\$190)
178	=L177+2	=H178/MAX(\$H\$40:\$K\$190)	=I178/MAX(\$H\$40:\$K\$190)	=J178/MAX(\$H\$40:\$K\$190)	=K178/MAX(\$H\$40:\$K\$190)
179	=L178+2	=H179/MAX(\$H\$40:\$K\$190)	=I179/MAX(\$H\$40:\$K\$190)	=J179/MAX(\$H\$40:\$K\$190)	=K179/MAX(\$H\$40:\$K\$190)

FIG. 39

	L	M	N	O	P
180	=L179+2	=H180/MAX(\$H\$40:\$K\$190)	=I180/MAX(\$H\$40:\$K\$190)	=J180/MAX(\$H\$40:\$K\$190)	=K180/MAX(\$H\$40:\$K\$190)
181	=L180+2	=H181/MAX(\$H\$40:\$K\$190)	=I181/MAX(\$H\$40:\$K\$190)	=J181/MAX(\$H\$40:\$K\$190)	=K181/MAX(\$H\$40:\$K\$190)
182	=L181+2	=H182/MAX(\$H\$40:\$K\$190)	=I182/MAX(\$H\$40:\$K\$190)	=J182/MAX(\$H\$40:\$K\$190)	=K182/MAX(\$H\$40:\$K\$190)
183	=L182+2	=H183/MAX(\$H\$40:\$K\$190)	=I183/MAX(\$H\$40:\$K\$190)	=J183/MAX(\$H\$40:\$K\$190)	=K183/MAX(\$H\$40:\$K\$190)
184	=L183+2	=H184/MAX(\$H\$40:\$K\$190)	=I184/MAX(\$H\$40:\$K\$190)	=J184/MAX(\$H\$40:\$K\$190)	=K184/MAX(\$H\$40:\$K\$190)
185	=L184+2	=H185/MAX(\$H\$40:\$K\$190)	=I185/MAX(\$H\$40:\$K\$190)	=J185/MAX(\$H\$40:\$K\$190)	=K185/MAX(\$H\$40:\$K\$190)
186	=L185+2	=H186/MAX(\$H\$40:\$K\$190)	=I186/MAX(\$H\$40:\$K\$190)	=J186/MAX(\$H\$40:\$K\$190)	=K186/MAX(\$H\$40:\$K\$190)
187	=L186+2	=H187/MAX(\$H\$40:\$K\$190)	=I187/MAX(\$H\$40:\$K\$190)	=J187/MAX(\$H\$40:\$K\$190)	=K187/MAX(\$H\$40:\$K\$190)
188	=L187+2	=H188/MAX(\$H\$40:\$K\$190)	=I188/MAX(\$H\$40:\$K\$190)	=J188/MAX(\$H\$40:\$K\$190)	=K188/MAX(\$H\$40:\$K\$190)
189	=L188+2	=H189/MAX(\$H\$40:\$K\$190)	=I189/MAX(\$H\$40:\$K\$190)	=J189/MAX(\$H\$40:\$K\$190)	=K189/MAX(\$H\$40:\$K\$190)
190	=L189+2	=H190/MAX(\$H\$40:\$K\$190)	=I190/MAX(\$H\$40:\$K\$190)	=J190/MAX(\$H\$40:\$K\$190)	=K190/MAX(\$H\$40:\$K\$190)

FIG. 40

	Q	R	S
36	X-BAR	Y-BAR	Z-BAR
37			
38			
39			
40	1.43E-02	3.96E-04	6.79E-02
41	1.71E-02	4.73E-04	8.14E-02
42	2.07E-02	5.72E-04	9.85E-02
43	2.62E-02	7.25E-04	1.25E-01
44	3.39E-02	9.41E-04	1.61E-01
45	4.35E-02	1.21E-03	2.07E-01
46	5.50E-02	1.53E-03	2.62E-01
47	6.91E-02	1.94E-03	3.31E-01
48	8.70E-02	2.45E-03	4.16E-01
49	1.08E-01	3.12E-03	5.20E-01
50	1.34E-01	4.00E-03	6.46E-01
51	1.65E-01	5.16E-03	7.97E-01
52	1.99E-01	6.55E-03	9.59E-01
53	2.30E-01	8.09E-03	1.12E+00
54	2.59E-01	9.77E-03	1.26E+00
55	2.84E-01	1.16E-02	1.39E+00
56	3.05E-01	1.36E-02	1.49E+00
57	3.22E-01	1.57E-02	1.58E+00
58	3.34E-01	1.80E-02	1.66E+00
59	3.43E-01	2.05E-02	1.71E+00
60	3.48E-01	2.30E-02	1.75E+00
61	3.50E-01	2.56E-02	1.77E+00
62	3.49E-01	2.84E-02	1.78E+00
63	3.46E-01	3.13E-02	1.78E+00
64	3.42E-01	3.45E-02	1.78E+00

FIG. 41

	Q	R	S
65	3.36E-01	3.80E-02	1.77E+00
66	3.30E-01	4.18E-02	1.76E+00
67	3.23E-01	4.58E-02	1.75E+00
68	3.14E-01	5.02E-02	1.73E+00
69	3.03E-01	5.50E-02	1.71E+00
70	2.91E-01	6.00E-02	1.67E+00
71	2.77E-01	6.53E-02	1.62E+00
72	2.60E-01	7.09E-02	1.56E+00
73	2.41E-01	7.70E-02	1.49E+00
74	2.18E-01	8.37E-02	1.39E+00
75	1.95E-01	9.10E-02	1.29E+00
76	1.73E-01	9.90E-02	1.19E+00
77	1.52E-01	1.08E-01	1.09E+00
78	1.32E-01	1.18E-01	9.94E-01
79	1.13E-01	1.28E-01	9.01E-01
80	9.56E-02	1.39E-01	8.13E-01
81	7.93E-02	1.50E-01	7.29E-01
82	6.46E-02	1.63E-01	6.52E-01
83	5.19E-02	1.76E-01	5.82E-01
84	4.12E-02	1.91E-01	5.20E-01
85	3.20E-02	2.08E-01	4.65E-01
86	2.41E-02	2.27E-01	4.40E-01
87	1.75E-02	2.47E-01	3.73E-01
88	1.22E-02	2.70E-01	3.35E-01
89	7.97E-03	2.95E-01	3.01E-01
90	4.90E-03	3.23E-01	2.72E-01
91	2.95E-03	3.55E-01	2.46E-01
92	2.24E-03	3.89E-01	2.23E-01
93	2.93E-03	4.26E-01	2.01E-01

FIG. 42

	Q	R	S
94	5.17E-03	4.63E-01	1.79E-01
95	9.30E-03	5.03E-01	1.58E-01
96	1.55E-02	5.45E-01	1.38E-01
97	2.40E-02	5.87E-01	1.20E-01
98	3.98E-02	6.29E-01	1.04E-01
99	4.80E-02	6.71E-01	9.00E-02
100	6.33E-02	7.10E-01	7.82E-02
101	8.05E-02	7.45E-01	6.87E-02
102	9.95E-02	7.78E-01	6.08E-02
103	1.20E-01	8.08E-01	5.39E-02
104	1.42E-01	8.36E-01	4.78E-02
105	1.66E-01	8.62E-01	4.22E-02
106	1.89E-01	8.85E-01	3.69E-02
107	2.13E-01	9.05E-01	3.21E-02
108	2.38E-01	9.24E-01	2.77E-02
109	2.64E-01	9.40E-01	2.38E-02
110	2.90E-01	9.54E-01	2.03E-02
111	3.18E-01	9.66E-01	1.72E-02
112	3.45E-01	9.76E-01	1.46E-02
113	3.74E-01	9.84E-01	1.23E-02
114	4.03E-01	9.90E-01	1.04E-02
115	4.33E-01	9.95E-01	8.75E-03
116	4.64E-01	9.98E-01	7.38E-03
117	4.96E-01	1.00E+00	6.24E-03
118	5.28E-01	1.00E+00	5.30E-03
119	5.61E-01	9.98E-01	4.53E-03
120	5.95E-01	9.95E-01	3.90E-03
121	6.28E-01	9.90E-01	3.37E-03

FIG. 43

	Q	R	S
122	6.62E-01	9.83E-01	2.93E-03
123	6.95E-01	9.74E-01	2.59E-03
124	7.29E-01	9.64E-01	2.31E-03
125	7.62E-01	9.52E-01	2.10E-03
126	7.95E-01	9.38E-01	1.95E-03
127	8.27E-01	9.23E-01	1.84E-03
128	8.58E-01	9.07E-01	1.77E-03
129	8.88E-01	8.89E-01	1.71E-03
130	9.16E-01	8.70E-01	1.65E-03
131	9.43E-01	8.49E-01	1.56E-03
132	9.67E-01	8.28E-01	1.46E-03
133	9.89E-01	8.05E-01	1.34E-03
134	1.01E+00	7.81E-01	1.21E-03
135	1.03E+00	7.57E-01	1.10E-03
136	1.04E+00	7.32E-01	1.05E-03
137	1.05E+00	7.07E-01	1.02E-03
138	1.06E+00	6.82E-01	9.69E-04
139	1.06E+00	6.57E-01	8.87E-04
140	1.06E+00	6.31E-01	8.00E-04
141	1.06E+00	6.05E-01	7.24E-04
142	1.05E+00	5.80E-01	6.45E-04
143	1.04E+00	5.54E-01	5.48E-04
144	1.02E+00	5.28E-01	4.35E-04
145	1.00E+00	5.03E-01	3.40E-04
146	9.79E-01	4.78E-01	2.83E-04
147	9.53E-01	4.53E-01	2.52E-04
148	9.23E-01	4.29E-01	2.30E-04
149	8.91E-01	4.05E-01	2.12E-04
150	8.54E-01	3.81E-01	1.90E-04

FIG. 44

	Q	R	S
151	8.15E-01	3.57E-01	1.56E-04
152	7.73E-01	3.33E-01	1.17E-04
153	7.30E-01	3.09E-01	8.61E-05
154	6.86E-01	2.87E-01	6.50E-05
155	6.42E-01	2.65E-01	5.00E-05
156	6.01E-01	2.45E-01	3.95E-05
157	5.61E-01	2.26E-01	3.26E-05
158	5.23E-01	2.08E-01	2.77E-05
159	4.85E-01	1.91E-01	2.36E-05
160	4.48E-01	1.75E-01	2.00E-05
161	4.12E-01	1.60E-01	1.62E-05
162	3.78E-01	1.45E-01	1.21E-05
163	3.44E-01	1.32E-01	7.73E-06
164	3.13E-01	1.19E-01	3.20E-06
165	2.84E-01	1.07E-01	0.00E+00
166	2.56E-01	9.62E-02	0.00E+00
167	2.31E-01	8.63E-02	0.00E+00
168	2.07E-01	7.71E-02	0.00E+00
169	1.85E-01	6.87E-02	0.00E+00
170	1.65E-01	6.10E-02	0.00E+00
171	1.46E-01	5.40E-02	0.00E+00
172	1.29E-01	4.75E-02	0.00E+00
173	1.14E-01	4.18E-02	0.00E+00
174	9.97E-02	3.66E-02	0.00E+00
175	8.74E-02	3.20E-02	0.00E+00
176	7.68E-02	2.81E-02	0.00E+00
177	6.77E-02	2.47E-02	0.00E+00
178	5.98E-02	2.18E-02	0.00E+00
179	5.30E-02	1.93E-02	0.00E+00

FIG. 45

	Q	R	S
180	4.68E-02	1.70E-02	0.00E+00
181	4.09E-02	1.48E-02	0.00E+00
182	3.54E-02	1.28E-02	0.00E+00
183	3.06E-02	1.11E-02	0.00E+00
184	2.63E-02	9.53E-03	0.00E+00
185	2.27E-02	8.21E-03	0.00E+00
186	1.96E-02	7.09E-03	0.00E+00
187	1.70E-02	6.14E-03	0.00E+00
188	1.48E-02	5.34E-03	0.00E+00
189	1.29E-02	4.68E-03	0.00E+00
190	1.14E-02	4.10E-03	0.00E+00

FIG. 46